

SELF STUDY REPORT

Submitted to NAAC for Assessment and Accreditation



NANDA NATH SAIKIA COLLEGE

(Affiliated to Dibrugarh University, Assam)

(UGC Recognized 2(f) and 12(b) Institute)

TITABAR- 785630, JORHAT, ASSAM

NOVEMBER, 2014

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PREFACE

It is a matter of immense pleasure for me that Nanda Nath Saikia College is submitting the Self Study Report to the National Assessment and Accreditation Council (NAAC), Bangalore for accreditation and assessment of the college in compliance of our Letter of Intent (LoI). The college, located in the vast and mostly rural locality of Titabar, has reached the present status as a result of innumerable sacrifices and efforts of all the past and present members of the college family. It strives to deliver its committed goals with devotion to the students in particular and the greater society, in general. This Self Study Report is a sincere analysis and study of our strengths and weaknesses prepared for assessment by NAAC.

I humbly acknowledge and appreciate the honest efforts of the entire Nanda Nath Saikia College family in the completion of this Self Study Report over the last a few months.

I remain highly optimistic to receive encouraging communication from NAAC regarding the Self Study Report as well as Assessment and Accreditation consequent to Peer Team Visit for physical verification of our college very soon.

Dr. Litool Baruah
Principal
Nanda Nath Saikia College,
Titabar

EXECUTIVE SUMMARY

Nanda Nath Saikia College, Titabar volunteers for the second cycle of assessment and accreditation by NAAC. The college has prepared its SSR as per the guidelines laid down by NAAC covering all the aspects embodied within NAAC guidelines for preparation of the Self Study Report. The college came into existence in the year 1959 as a result of the honest and collected efforts of the people of Titabar. It has now established itself as a leading institute of higher education catering to the educational aspirations of the students from all sections of the society. The college is affiliated to Dibrugarh University and offers education in both Arts and Science streams. It is committed to the educational upliftment of the people of this vast Titabar locality that is mostly rural and backward as well as remote from the modern facilities of the big towns and cities. The following pages present the chapterwise summary of this SSR 2014.

Chapter I **Curricular Aspects**

Nanda Nath Saikia College has a vision to offer quality education to the students. It operates with a mission to offer an environment in which students can discover, examine and transmit knowledge and wisdom. The college has several objectives aimed at the overall development of the students and the greater society as well. The college offers undergraduate course of Dibrugarh University in both the Arts and Science streams and for effective delivery of the curriculum of Dibrugarh University it designs and plans all its academic activities in a meticulous manner. To this end the college offers all possible assistance to the teaching departments of the college and pays attention to the demands of the faculty and the departments. The Academic Vice-Principals have been entrusted with the responsibility to look after the effective and timely implementation and delivery of the academic programmes of the college. It also offers remedial classes funded by UGC to the students of ST, SC, OBC and other economically weaker sections of the society. The construction of the two digital class rooms and the enlarged library of the college are purely aimed at offering infrastructure equipped with modern facilities for the benefit of the students so that they can gain the most from the institution that will in turn help them secure jobs in the competitive job market of present times. The college adopts an all inclusive attitude keeping itself away from all discriminatory practices based on

sex, class, creed, caste, culture and religion. It has been quite eager to integrate the important issues of climate change, environmental education, Human Rights, ICT etc. into curriculum and has initiated several steps in this direction. The feedback received from the students and other stakeholders of the college are carefully analysed and necessary steps are initiated to fulfil their logical and feasible demands and suggestions.

Chapter II

Teaching, Learning & Evaluation

The college has a transparent admission process. Advertisements are published in newspapers for wider publicity of the admission notice of the institution. The merit list for admission into First semester classes are displayed well ahead of the date of admission. The university and government guidelines for reservation of seats are strictly followed by us. While the general admission is based on merit basis, the admission into the different major courses is done on the basis of merit, selection test, viva-voce or a combination of all these criteria. The departments monitor the profile of the students and assess their academic performance which has contributed towards improvement of the academic standards of the institution. An analysis of the students' profile reflects the inclusion of all the sections of the society in keeping with the national commitment to diversity and inclusion. The differently abled students are also offered maximum facilities for their ease and convenience as per Dibrugarh University rules.

The needs of the students are assessed before commencement of academic programmes and required texts and reference books are procured accordingly. The college authority sensitises the teachers and staff regarding the sensitive issues like gender inclusion and equal treatment without any iota of discrimination. In the same way the students are also advised to keep themselves away from any discriminatory behaviour. The advanced students are encouraged to crave for more knowledge and excellent results by teachers by way of offering advanced learning materials and arranging educational visits to advanced study centres for them. The college also takes care of the students at the risk of drop out by offering all possible assistance for their academic improvement.

The teaching, learning and evaluation schedules of the college are planned and monitored by the Academic Planning and Monitoring Board of the college. The Board prepares the daily class routine, Academic Calendar, Prospectus etc. The allotment of teaching units and departmental activities are planned by the

Heads of the departments. The programmes of all internal evaluation processes are chalked out by the Academic Vice-Principals of the college and the teaching departments carry out the internal assessment of the students in each of the semesters. The IQAC of the college plays a key role in the internal academic quality maintenance of the institution. It offers suggestions to the Principal on vital issues related to internal quality of the institute. As a result of the active role of the IQAC and the need analysis of the scenario of present day higher education the teaching learning process has been made more students centric. The smart class rooms, enlarged library, ICT facilities and subscription to INFLIBNET are all aimed at making learning in the insitute a student centric practice. The faculty members always look to develop critical thinking and scientific temperament among the students and initiate some programmes also to that end. The earlier practice of one way lecture method no longer remains the only way of educating the students in the college. Seminar presentations, interactions and group discussion are also done on regular basis to make them learn more so that they can proceed for higher studies with confidence. There have been some difficulties in running the courses due to the vacant posts of lectures due to retirement of senior regular teachers. The college keeping in view the interests of the students hire part time faculty to complete the courses.

Chapter III

Research, Consultancy & Extension

In recent years the college has given much importance on research. The ongoing research projects in the college bears testimony to enhanced emphasis on research in the college. Besides two major research projects, several minor research projects are also going on at present. Though we donot have recognized research centre at present, a few faculty members are recognized research supervisors for Ph.D. and M.Phil programmes of different universities in the country. The Research Committee of the college has been playing a vital role in the promotion of research in the college. It examines the different research proposals submitted by the teachers and on satisfaction, as per UGC guidelines, recommends the proposals to the concern higher authorities. The college has provided space for construction of laboratories to carry out research work. It has also aimed to create a scientific temper among the students by organizing seminars, workshops, special lecture programmes etc.

At present, almost fifty percent of the incumbent faculty members are engaged in research project funded by UGC or other external funding agencies.

In the last four years, six teachers have been awarded with Ph.D. degree on successful completion of their Ph.D. research and one teacher has submitted Ph.D. thesis while nine others are pursuing Ph.D. research in different universities. To create an atmosphere conducive to research the different departments of the college have invited some reputed resource persons to the college to deliver expert lecture on various topics. The college always encourages its teachers to participate in OPs and RCs and present papers in conferences, seminars and workshops across the country. The publication of research papers and book chapters by the teachers indicate such encouraging attitude of the institution. Moreover, the teachers also create awareness among the students by sharing their research findings and experience both inside and outside the classrooms so that the students are imbued with zeal to enroll themselves for research in future. The students of the college can avail limited research facilities in the laboratories and the central library. The INFLIBNET subscription has been a boon to them in this regard. The departments encourage their major students to read research articles in the reputed online journals and use other e-resources. In the area of consultancy the college does not have any stated policy but the experienced teachers offer guidance and consultancy on gratis to the small scale entrepreneurs whenever they are approached by them.

The college is actively involved in extension activities and carries out its institutional social responsibilities with much dedication. It has donated a portion of its land to the neighbouring village of ST(P) community for a link road to promote institution-neighbourhood community network. Besides the college has also organised several programmes in this respect. It has an adopted village at a distance of some five kilometers from the college and has organised a few programmes there to promote good citizenship. Students are always encouraged by the institution for their participation in extension activities in order to harness good citizenship role among them. The suggestions of the stakeholders for performance and quality of the college are always welcomed and the college invites the guardians to interact with the authority and the teachers. They are offered the opportunity to exchange their views in the guardians' meets.

The college does not have any formal collaboration agreement with any research institution. However, some departments of the college take necessary permission from the advanced research institution of the region to use their central library and other research facilities to expose the students to those research facilities. As a result of the good institution-community interactions the Thengal Kachari Autonomous Council has contributed towards the renovation of our science building.

Chapter IV

Infrastructure and Learning Resources

The college has been upgrading its infrastructural facilities to achieve excellence. The requirements in this regard are fulfilled on priority basis to promote a healthy teaching-learning environment. A new enlarged library, two smart class rooms and a few new class rooms have already been constructed in recent times to facilitate effective teaching-learning. Each of the departments has been given one computer with Internet connection. The laboratories are upgraded and renovated from time to time. Six departments that were operating from the teachers' common room have been given separate departmental rooms in the session 2011-12. At present we have 21 class rooms of various sizes, LCD projectors and computer centre for augmenting the teaching-learning process. A digital conference hall has also been completed. Photocopy machines and printers are available for the teachers and students. Further, two generator sets have been installed to provide uninterrupted power supply. Recently two modern laboratories have been set up with help of fund received from DBT, Government of India.

Facilities for sports and games and cultural activities are available in the campus. The college auditorium houses all the cultural activities of the college. It also has NSS and NCC units.

The college puts emphasis on the utilization of available infrastructure so that the desired academic targets can be met. A look at the master plan reveals that the existing physical facilities are not insufficient though we need to improve the physical facilities in near future. Among the facilities that are proposed to be developed a boys' hostel, complex for indoor games and a day care centre are the most prominent ones. At present we have a forty seater girls' hostel with all facilities.

So far the common facilities on the campus are concerned the IQAC has a separate office room with necessary facilities. Considering the importance of IQAC in the college we plan to shift the cell in near future to a new separate building. The college has a canteen for both the teachers and students. The rest of the common facilities like Grievance Redressal Cell, Womens' Cell, Counselling and Career Guidance etc. are functional but do not have separate office.

The college has a newly constructed enlarged central library with an advisory committee to guide it for improvement. The HoDs are requested to submit lists of required books every year. The librarian and other staff in the library offer support to the teachers and students in various ways. They are also careful in respect of the students with physical disabilities.

The college has a total number of forty five numbers of computers out of which nineteen are in the computer centre. The computer student ratio ranges between 1:10 to 1:30. LAN and Internet facilities are available for teachers and students. However, though these facilities are available we intend to improve the IT infrastructure in the campus in near future. Fund is allocated in the budget ever year for maintenance and upgradation of the available IT facilities.

The campus facilities like buildings, furniture, equipment, computers etc. are maintained by the college for their longevity. Specific amount from government grants and college development funds is allocated for maintenance and upkeep of the existing campus facilities. The sensitive equipments like generator sets, water purifiers, water coller and instruments in the science laboratories are specially protected to avoid any damage.

Chapter V

Student Support and Progression

The college through the updated prospectus, published every year, communicates the students and guardians its academic vision, mission, programmes, admission procedure, fees structure, library rules and other relevant information. It ensures its commitments through the different academic programmes. Students can approach the concerned authorities regarding any grievance and if the same is found logical and justified the college authority initiates steps to redress their concerns. The students can avail of different scholarships meant for them and all financial aids and scholarships are disbursed on time for convenience of students. They are always encouraged to participate in various competitions of university/ regional/ national levels depending on their talents. Coaching classes and other skill development courses for the students of weaker section of society are offered whenever funds are available. All students of the college irrespective of class and stream are offered the opportunity to publish their creative and critical writings provided these are of desired standards. We have been organising different programmes from time to time with an aim to developing the entrepreneurial skills among the students.

Career counselling and academic counselling are available for the students in the campus. The Career and Counselling Cell as well as the departments of the college guide the students about the economic and academic prospects of different subjects and courses of higher studies. Besides counselling services, the college has welfare schemes for students like Student Aid Fund, LIC (GIS) etc. In short it may be said that we offer every possible support to the students so that

they can make themselves into higher education and subsequent research. Even those students who are at the risk of drop out are supported and encouraged to complete their courses.

There is a Students' Union (*Chatra Sangha*) that has its own constitution and governing principles. It is formed every year through election of its members by the students of the college. The Vice President of the students' union represents the student community of the college in its IQAC.

The college does not have a registered alumni association at present. However, we have a very good relation with our alumni who have been playing an important role in Jubilee Celebrations and other large scale events organised by the college. It may be mentioned that efforts are going on to register the alumni association. Former faculty members have also maintained a cordial relation with the college and keep coming to the campus.

Chapter VI

Governance, Leadership and Management

The institution in keeping with its vision and mission always tries to fulfill its commitment to the students and larger society. Transmission of knowledge, wisdom and value has been the avid objectives of the college in framing and implementing the quality policy and plans, the governing body, principal and teachers play their respective roles. They consider every pros and cons of the important and sensitive issues of an educational institution and aim to bring in overall development of the college through the quality policy and plans. The principal plays the most important part in initiating the development programmes and academic plans to meet the mission and objectives of the institute. The IQAC of the college has been recommending academic plans for better performance in academic aspects. The governing body being the top management body of the college looks into every important academic or service related issue of the teachers without discrimination. The college welcomes participation of all members of the college family at the different levels of its management. The teaching departments play a key role in this respect. They have been given much liberity to work independently in implementing the academic programmes of the college. The participatory governance is also a key strategy in human resource management of the college.

There is a formal quality policy of the college that expresses the commitment towards maintaining academic quality, development of infrastructure, promotion of research and protection of the interests of the

students, teachers and staffs. These issues also figure in the perspective plan for development of the college. The governing body is the top most decision making internal body which functions within the purview of the provisions of UGC and government guidelines. The Principal of the college is the Secretary of the governing body and he works as a bridge between the governing body and teachers and with their assistances he implements the governing body resolution and recommendations. He also coordinates between the academic and administrative aspects of the college and ensures smooth functioning of both. The college keenly analyses its performance appraisal by the students in their feedback and initiates steps for improvement.

The college endeavours for professional development of the teaching and non teaching staffs. It always permits them to participate in various training and skill development programmes. The teachers are encouraged to engage themselves in research and publication and take benefits of study leave under UGC FIP for their professional development.

The utilization of available financial resources is monitored at different levels. The Construction Committee discusses the proposals for expenditures on construction and extension of physical facilities. The governing body also monitors the same. The government and internal auditors verify the effective and efficient use of available financial resources of the college. UGC grants, government aids and fees from students are also subjected to scrutiny and verification by the concerned auditors.

The IQAC plays the most important role in the internal quality assurance system of the college. It looks after fulfilling the commitments of the college expressed in its quality policy and prospectus. IQAC interacts with the authority and communicates to the teaching departments the various measures for maintenance of academic quality. The suggestions and recommendations of the IQAC are always paid serious attention by the college authority which is reflected in the implementation of its recommendations in recent past. Besides fulfilling the recommendations of the IQAC, the college has been providing training to enhance effectiveness of its quality assurance procedure to the teachers and staffs which has resulted in positive outcomes. The effect of the quality assurance procedure can be judged by examining the teaching-learning process. Therefore the college monitors and reviews at different levels the teaching-learning process and its outcomes from time to time.

Chapter VII

Innovative and Best Practices

The college has an eco-friendly campus and the class rooms and other built-in facilities hardly need electric energy during day time except fans during summer. The silent generator sets, provision of CFLs have proved to be energy saving measures. Carbon neutrality is maintained in the campus by way of planting trees. The departmental wall magazines, ICT enabled digital class rooms have been some of the innovative practices that has led to creativity and technology aided presentation of the argumentative thoughts of the students in both the science and humanities.

Decentralisation of power adopted with a view to ensuring a better functioning and governance of the institution has been one of the best practices to deliver the academic and administrative responsibilities of the college. It has yielded positive results since it involves participation of almost all the teachers and staffs in various ways. Enhanced emphasis on teaching-learning has been the other best practices adopted by the college in recent times. To achieve the academic targets through enhanced emphasis on teaching-learning several new infrastructural facilities have been set up. This practice has also resulted in better performance of the institution in the academic aspects.

Strength

- The college has established itself as a leading educational institution in the vast and mostly rural locality of Titabar.
- ICT enabled facilities
- Enlarged library and e-resources.
- Healthy institution-community relationship.
- Pollution free campus.
- Co-education.
- All inclusive and accommodative policy.

Weakness

- Lack of communicative skills in majority of the students due to their previous poor educational background.
- Vacant faculty positions for prolonged periods.
- Shortage of man power in the administrative office.
- Remote location from major cities.

Opportunity

- The exposure of teachers in the established and virgin areas of research offers a golden chance to improve the teaching-learning process.
- Possibility of grants from UGC and other funding agencies to carry out advance research.
- Helping attitude of the leading research institute of the North East region for the benefit of our students.
- Sympathetic attitude of the surrounding communities of the institute.

Challenges

- To make majority of the students coming from poor educational background secure competence over the subjects and make them eligible for jobs.
- To maintain the quality of academic excellence at par with other leading educational institutions.
- To keep the developmental works going even when there is a lack of sufficient fund.

Future Plan

- To introduce PG courses.
- To establish recognized research center in the campus.
- To organise International Conference.
- Construction of an Indoor stadium.
- Construction of Boys' Hostel.
- Construction of Staff quarter.

PROFILE OF THE COLLEGE

1. Name and Address of the College:

Name : **NANDA NATH SAIKIA COLLEGE**
Address : Titabar
City : Jorhat
Pin : 785630
State : Assam
Website : www.nnsaikiacollege.org

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Litoool Baruah	O: 03771-248446	9854858785	03771-249301	litooolbaruah@gmail.com
Vice Principal	Mr. Tridiba Gogoi	O: 03771-248446	8876551592	03771-249301	tridiba@gmail.com
Steering Committee Coordinator	Dr. Devaprotim Hazarika	O: 03771-248446	9864090249	03771-249301	dprotim@gmail.com

3. Status of the Institution:

Affiliated College : YES

4. Type of Institution:

a. By Gender
Co-education : YES
b. By Shift
Regular : YES

5. It is a recognized minority institution? : NO

6. Sources of funding:
Government : YES

7. a. Date of establishment of the college : 01-01-1959

b. University to which the college is affiliated : DIBRUGARH UNIVERSITY

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2(f)	31-03-1998	
ii. 12(B)	09-07-2003	

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

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges? : NO

9. Is the college recognized
a. by UGC as a College with Potential for Excellence (CPE)? : NO

b. for its performance by any other governmental agency? : NO

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

Location	Semi Urban
Campus area in sq. mts.	10.1 Acres
Built up area in sq. mts.	7432.24 Sq. m.

11. Facilities available on the campus

- Auditorium : ONE
- Seminar complex : ONE
- Sports facilities : ONE Play ground
- Hostel : One Girls' Hostel with the capacity to house 40 inmates.
It has a library, a common room with television set, Internet connectivity and visiting Physician on part time basis.
- Cafeteria : One canteen within the campus for both staff and students.
- Generator : Two generator sets are available in the college
- Boys' Common Room: ONE
- Girls' Common Room: ONE
- Teachers' Common Room: ONE
- Parking Shed : Parking Shed for Car, Motor Cycle and Bicycle is available

- Toilet facilities : Separate toilets for boys', girls', teachers, staff is available
- Safe Drinking Water Facility: Safe drinking water facility is available in the college campus at different places
- Library with Internet facility: Enlarged library with Internet facility is available for students and staffs.

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

SI No	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
1	Under-Graduate	B.A. & B.Sc.	3 years (six semesters)	Higher Secondary	English and Assamese	1260	943

13. Does the college offer self-financed Programmes? : NO
If yes, how many?
14. New programmes introduced in the college during the last five years if any? : NO

15. List the departments:

Particulars	UG	PG	Research
Science	Botany, Chemistry, Mathematics, Physics, Zoology		
Arts	Assamese, Economics, Education, English, Geography, History, Political Science		
Commerce	Nil		
Any Other (Specify)	Nil		

16. Number of Programmes offered under : Semester system
2 UG Programmes
17. Number of Programmes with
- a. Choice Based Credit System : NO
- b. Inter/Multidisciplinary Approach : NO
- c. Any other (specify and provide details): NO
18. Does the college offer UG and/or PG programmes in Teacher Education? : NO
19. Does the college offer UG or PG programme in Physical Education? : NO
20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non - teaching staff		Technic al staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government	-	-	24	-	31	-	22	-	-	-
<i>Recruited</i>	-	-	13	11	15	10	16	0	-	-
<i>Yet to</i>	-	-	-	-	6	-	6	-	-	-

***M-Male *F-Female**

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	0	0	0	0	0	0	0
Ph.D.	0	0	6	4	6	2	18
M.Phil.	0	0	2	0	4	3	9
PG	0	0	5	6	4	7	22
Temporary teachers							
Ph.D.	0	0	0	0	0	0	0

M.Phil.	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0
Part-time teachers							
Ph.D.	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0

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	2010-11		2011-12		2012-13		2013-14	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	10	14	23	5	17	12	19	14
ST	27	38	22	35	32	42	28	32
OBC	36	41	46	33	31	52	55	41
General	14	30	12	23	23	29	7	28
Others								

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

Type of students	UG	PG	M.Phil.	Ph.D	Tot
Students from the same state where the college is located	943	-	-	-	943
Students from other states of India	0	-	-	-	0
NRI students	0	-	-	-	0
Foreign students	0	-	-	-	0
Total	943	-	-	-	943

25. Dropout rate in UG and PG : UG- 6 %
(average of the last two batches)
26. Unit Cost of Education
(a) including the salary component : Rs. 50,302.00
(b) excluding the salary component : Rs. 3581.00
27. Does the college offer any programme/s in distance education mode (DEP)? : NO

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

Programme	Teacher-Student Ratio
B.A.	1 : 24
B.Sc.	1 : 12

29. Is the college applying for Accreditation : Cycle 2

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

Cycle 1: 08 / 01 /2004 Accreditation Outcome/Result C++

** 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. : 227

32. Number of teaching days during the last academic year : 152

33. Date of establishment of

Internal Quality Assurance Cell (IQAC) : 27 December, 2003

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

AQAR (i) 2009-10 submitted on 14.06.2013

AQAR (ii) 2010-11 submitted on 14.06.2013

AQAR(iii) 2011-12 submitted on 29.04.2014

AQAR(iv) 2012-13 submitted on 30.04.2014

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information): NO

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

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

Vision

The institution is committed to provide excellent infrastructure with modern facilities and impart quality education for enriching knowledge, skill and personality conducive for life time success and welfare of the society.

Mission

To provide an environment in which its pupils can discover, examine, preserve and transmit knowledge, wisdom and value that will help to ensure the survival of present and future generations with enrichment in the quality of life.

Objectives

- To impart quality education
- To enable the students acquire the finer values of life
- To communicate the vision and mission of the college to students, teachers, staff and other stakeholders
- To nurture personality development of students.
- To involve our teachers and students in community and extension activities.
- To enrich knowledge by enhancing institutional collaboration / knowledge networking
- To provide modern facilities to ensure better teaching-learning process
- To create an environment conducive to research and development
- To ensure a better management system
- To create an environment of mutual cooperation and contribution among the authority, faculty, students and other stakeholders.

The mission, vision and objectives of the institution are effectively communicated to the students, teachers, staff and other stakeholders through the prospectus of the college that is published every year. It is also a very good means of communicating working hours, facilities, support services, extension activities, admission procedure, fee structure, courses offered, academic calendar etc. An orientation programme is organized at the

beginning of each session by the administration to make the students aware about the semester system, code of conduct, internal evaluation methods along with other relevant information. Moreover, every department also organizes such type of motivational programme. Guardians' meeting is also organized periodically in order to communicate the students' progress, attendance etc. The activities of the institution are communicated to the university annually. Besides, the quality policy of the college also clearly states the objectives of the college to the students, guardians, teachers and staff. In the spirit of the UGC Faculty Improvement Programme (FIP), faculty members are encouraged to participate in O.P./ R.C./ Conference/ Seminar/ Workshop etc., for the knowledge enrichment and exposure to latest trends in teaching, learning and research. The reports of participation in O.P./ R.C./ Conference/ Seminar/ Workshop and joining reports of the teachers as teacher fellow under FIP are reported and forwarded to the concerned higher authorities on time. The programmes for participation of students in various community and social activities are notified to all concerned through the notice board, order books and teacher in-charge of such activities. So far the creation of a good research environment is concerned, the college authority circulates the notices of UGC, government, Dibrugarh University and other higher bodies/councils among the faculty members and encourages them to participate in or apply for different research opportunities by forwarding and recommending their applications as well as providing them with other required documents. The authority informs the students about the objectives of the institution and the expectations from them at the Fresher's Social address. Further, *EDUNews*, the bulletin of the IQAC of the college also serves to communicate certain information related to the vision, mission and objectives of the institution to the teacher as well as staff.

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

The institution develops and deploys action plans for effective implementation of the curriculum as mentioned below.

At the beginning of each semester, the authority provides syllabus and class routine to each department. Based on the syllabus and routine, the departments distribute units and allot classes to the teaching members at departmental staff meetings. To monitor the academic progress of each semester every department appoints a course coordinator. Apart from the conventional teaching methods, teaching aids including charts, maps, models, projector, power point presentation and other tools are used for effective implementation of the curriculum. Practical demonstrations are conducted by the science departments before commencement of the course. As a part of curriculum, two types of seminar are organized by each department- student

seminar where students give presentations on specific topics based on the syllabus and departmental seminar conducted by inviting resource person who delivers lecture on the emerging areas of research to the students and teachers as well. There is an action plan for purchase of books for the central library. The departments place their demands and requirements to the authority. The authority accordingly arranges for procurement of a good number of books to the central library every year. Besides, a number of complimentary books are also kept in the departments that prove handy in the implementation of the curriculum. Some departments conduct a bridge course for the students of first semester to understand the quality of the students and orient them to the new curriculum. Two senior teachers, one each from Arts and Science streams are appointed as Academic Vice Principal who are entrusted with the responsibility to ensure effective implementation of the curriculum as well as to monitor the overall academic development of the college.

As per the curriculum, two sessional examinations are conducted in each semester. To improve the reading habit that leads to acquirement of knowledge, library work and home assignments are given to the students. Remedial classes funded by UGC for students of SC, ST, OBC, economically weaker section have been organized for each semester during 11th plan of UGC whenever the fund for the same was available.

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

For effective translation of the curriculum the university provides procedural supports which include course structure, syllabus, academic calendar, examination schedule and evaluation pattern etc. The institution offers all possible support for implementing the curriculum and improving teaching practices. Some of the morale boosting efforts of the institution in this regard are fund and furniture for departmental library, procurement of books in the central library, modernization of laboratories, setting up of ICT enabled class room, internal facilities, improvements of class rooms, purchase of instruments/chemicals etc., enhancement of reading seat capacity in the central library, fund for organizing department seminar, encouragement for participation in O.P./ R.C./ Conference/ Seminar/ Workshop etc. by the teachers.

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

The institution has taken several initiatives for effective delivery and transaction of the curriculum. The appointment of two academic vice

principals has been done to ensure a timely delivery and coverage of the undergraduate curriculum of Dibrugarh University. Some academic and non-academic committees and sub committees are also constituted to assist the timely delivery of the curriculum. Recruitment to permanent faculty positions is always emphasized keeping in view the requirement of the updated and revised syllabus of the affiliating university. To make up the necessity of the intervening period between the date of vacancy and the date of permanent recruitment, the institution appoints qualified part-time teachers for the timely completion of the courses. The course coordinators of the teaching departments are also entrusted with the responsibility to ensure completion of the course on time. The authority takes special initiatives in fulfilling the various demands of the departments like supply of books, construction of well equipped laboratories, renovation of existing infrastructure and other necessities. The timely release of funds for organizing the departmental seminars is another positive contribution of the institution for effective curriculum delivery.

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

The institution has been keen in interacting with industry, research bodies and the Dibrugarh University. The institution sends representatives from the faculty or the office staff as required for participation in any of the programmes organised by Dibrugarh University from time to time for effective operationalisation of the curriculum. Correspondence is also made through letters and emails with the research bodies and Dibrugarh University for support, clarification and guidance towards effective implementation of the curriculum. Some departments of the institution have initiated several steps in interacting with such research and industrial bodies/units, for example, the Department of Geography has recently conducted a field survey in the coal fields of Coal India, Margherita. The Department of Chemistry has interacted and received instrumental support from NEIST, Jorhat. Department of Assamese conducts field survey as a project assignment for the students in and around Titabar with a view to assessing the socio-cultural dimension of the greater area/ locality. At present a student project is being run by the department of Botany that focuses on the phytosociological structures of oil fields contaminated sites at GGS, Borhola Oil field under ONGC.

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

Two of the faculty members of the institution namely Mr. Noren Deka and Mr. Ram Krishna Saikia were members of the Board of Studies of Dibrugarh University in Geography & Economics respectively in 2013. These members put forward their valuable suggestions at the meetings of the Board of Studies of Dibrugarh University during their membership. At times they also placed the feedback of the stakeholders at the meetings of Board of Studies, Dibrugarh University for further communication to the concerned higher authorities of the university.

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

The institution developed curriculum for the "Computer Awareness Course" of six-month duration. While developing the curriculum for this course the aim was to acquaint the students with the basics of computer application. The institution assessed the needs of this course considering the facts that most of the students of the college come from interior places where they cannot have access to computer training facilities. As a result of this there was a lack of computer literacy among the students. The syllabus was designed and developed to impart computer training to these students especially on the basics like MS Word, Excel, Power Point, DTP etc., so that their employability could be enhanced.

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

The institution analyses and takes into account from time to time the degree of implementation of its declared objectives regarding the curriculum through the meetings of the Principal and Vice Principal with the HoDs. Moreover, the HoDs of each of the departments are entrusted with the responsibilities to ensure that the objectives are achieved to a maximum level so far academic programmes of the college are concerned. The authority of the college takes much interest to ensure that the academic calendar is strictly followed in each of the sessions and semesters. The institute analyses the feedback of the students and guardians to assess the status of achievements in implementing the curriculum.

1.2 Academic Flexibility

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

The college offered two certificate courses namely “Computer Awareness Course” of 6 months duration and “ITES WEP” of 3 months (90hours).

The aims and objectives of the computer awareness course were to make the students aware about the fundamentals of computer application and the latest developments of information technology. Students of the college who hailed from rural areas having scant vocational training facilities were encouraged to join this computer awareness course. Four batches of students successfully completed this course.

The objectives of the “ITES-WEP” course were to offer the female students of the college with an overview of the information technology enabled services and the allied career opportunities. The course emphasized on the development of the skills of the female students in 3 modules that included enhancement of soft skills, spoken English skills and basic computer skills that are essential for a successful career in the ITES-BPO industry and other corporate sectors. This certificate course also produced four batches of successful students.

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

No

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

- Range of Core / Elective options offered by the University and those opted by the college
- Choice Based Credit System and range of subject options
- Courses offered in modular form
- Credit transfer and accumulation facility
- Lateral and vertical mobility within and across programmes and courses
- Enrichment courses

The college runs Assamese (MIL) and English as core subjects to be pursued by all students of BA1st and 2nd semesters. General English is to be

studied by non-major students in 3rd semester. Computer Skills or Communicative English as a core subject is to be studied by all major and non-major students. However, the college, as per guideline of Dibrugarh University allows the desirous students of B.A. to offer Alternative English instead of making MIL mandatory to them. Environmental Studies (Semester IV), Multi disciplinary subjects (Semester IV) and skill based subject (Semester V & VI) are some other compulsory subjects offered by the institution. Economics, Political Science, Education, History, Geography, Elective Assamese and Mathematics are the range of Elective subjects for students offered by the college. For B. Sc. Students, English is a core subject in 1st and 2nd semester. Besides, Computer Skill (Semester III & IV), Environmental Studies (Semester IV) and Skill Based subjects (Semester V & VI) are the compulsory subjects for B. Sc. Students in the college. The ranges of Elective Subjects for B. Sc. Students are offered in two combination- Combination I: Physics, Chemistry, Mathematics or Combination II: Botany, Zoology, Chemistry. The college also offers Major Programmes in English, Assamese, Economics, Education, Geography, History, Political Science and Mathematics for B. A. Students and Physics, Chemistry, Mathematics, Botany and Zoology for B. Sc. Students. The courses offered by the college aim to enhance the skill and broaden knowledge of the students. The teachers constantly try to improve the academic quality of the students so that they can get admitted into the various courses of higher studies in Post Graduate levels. The college always aims to produce graduates, in both Science & Arts streams, suitable for employment in both government and private sectors. Remedial classes are taken by the teachers to uplift the academic quality of those students who belong to different reserve categories. Tutorial classes also work towards the enrichment of the students who are usually slow learners.

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.

No

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

The college has provided skill oriented programmes with an aim to help & prepare the interested students for the employment market. The "Computer Awareness Course" of 6 month duration aimed to acquaint the students with the basics of computer application. The course coordinator made the best efforts on his part for the utmost benefit of the participating students. Further ITES-WEP and the "Spoken English" courses were also introduced with the

objectives to enhance the soft skills and the communicative talents of the students. The objectives behind the initiation of such courses were to offer the students an exposure to the requirements of the contemporary employment market that looks for multi-talented employees.

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

No

1.3 Curriculum Enrichment

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

The institution has undertaken several positive steps to supplement the Dibrugarh University curriculum that in effect boost both the academic programmes of the university and fulfil the goals and objectives of the college. The college has highly qualified faculty members who always try to do justice to their assigned responsibilities. It recruits qualified guest lecturers against the vacant faculty positions so that the academic programme of the university does not suffer due to shortage of teaching staff. The institution has both traditional and ICT enabled facilities for the benefit of the students and convenience of the teachers. We have spacious and well equipped laboratories, for the departments that have practical in their syllabus, for the better exposure of the students in the practical classes. The departments hold seminars at regular intervals, inviting reputed resource persons from esteemed institutions. Besides, seminar presentations by students have been made a compulsory practice. So far faculty improvement is concerned we encourage faculty members to participate in various national and international seminars and conferences for upgradation of their knowledge and quality. Some teachers of the institution have also carried out research under the UGC Teachers Faculty Improvement Programmes (FIP). Some of the senior teachers of the college successfully carried out their research as part time scholars in the National Laboratory. To acquaint the students with research activities, some departments have made submission of dissertation on selected topic mandatory for the students. The central library and the departmental libraries of the college cater to the academic needs of the students by offering a good number of texts, reference books and journals. Besides students can have access to e-resources through internet facilities available at each of the departments, central library and in the computer center of the institution. All

these efforts have helped integrating the University curriculum and the objectives of the college.

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

Several departments of the institution have been imparting training to the students as per the components in their syllabus that help the students in getting first hand training in some of the highly potential areas of employment. Such training and practical are organized and conducted in such a manner that the theoretical knowledge and real experiences of the students are reflected before the teachers. To name a few, the Department of Chemistry organized a workshop on extraction of essential oil from locally available plants and herbs. The Department of Geography organized an interaction programme between the students and teachers as well as external experts on GIS. The exchange of views and knowledge through the programme helped the participating students learn the requirements of the latest methods of digitization of geographic locations. The Departments of Assamese and English have been actively imparting lessons to the students on report writing, official communication and creative writing. Such efforts by the departments of the institution have definitely enriched the curriculum of the university and at the same time contributed to preparation of the students in becoming eligible for employment in different fields.

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

The college has initiated several measures for integrating the cross cutting issues like Gender Sensitization, Environmental education, Human Rights, ICT etc. into the curriculum. A seminar on “Feminism: Issues and Concerns” was organized by the Department of Political Science that deliberated on the vital issues of gender discrimination. The impacts of climate change on different eco-systems are introduced to the students through regular class room teaching that also utilizes ICT techniques. There is a mandatory field survey and project assignment for the 5th semester students on environmental education. Human Rights has emerged as a core component of our curriculum. Department of Political Science has been actively engaged in sensitizing the human rights issues. Recently the department organized a two day National Workshop on Human Rights to make the students and the general public of the greater Titabar locality aware about the issues in the field.

The college has completed the construction of two fully ICT enabled Smart Class Rooms. Further, the college has adopted the policy of co-

education right from its inception. It has discouraged gender discrimination by receiving both male and female students on equal terms so far right to education is concerned. It may be mentioned in this context that the college also treats the male and female teachers and office staff equally without any discrimination.

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

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

The institution has chalked out and implemented several programmes for the holistic development of the students. Coaching classes for various competitive examinations like IAS, ACS, Bank P.O. etc. are held for the benefit of the students. The Spoken English and Skill Based courses augmented the regular efforts of the Departments of Assamese and English to develop the communication and creative skills of the students as necessary life skill. Each of the departments of the college puts emphasis on the development of a sound personality of the pupil and advises them accordingly. The Department of Political Science of the college organise a seminar on “Right to Life and Personal Freedom” with the aim to develop awareness of the students on various aspects of life and personal freedom. Again, some of the departments of science stream conduct special practical and demonstration classes for the better exposure of the students in the advanced topics newly introduced by the Dibrugarh University. These efforts have been made with a view to ensuring the holistic development of the students.

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

To enrich and achieve a greater effectiveness of the University curriculum the institution has introduced the system of remedial and tutorial classes in each of the academic sessions in the last a few years. Tutorial classes have been arranged and allotted in the daily class routine as per the feedback from the stakeholders. Besides, the enlargement project of the central library of the college has also been initiated as per the suggestion of the respected stakeholders and the greater need of the college. The Smart Class Room and Conference Room being set up by the college are also partially based on the feedback of the stakeholders.

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

The remedial and tutorial classes are closely monitored by the Academic Vice Principals in each of the streams and the coordinators of the courses. The IQAC of the college also keeps a close track of the regular and enrichment programmes of the institution and puts forward suggestions to the faculty members during its meetings held at regular intervals. If any major anomaly is detected by the IQAC the same is reported to the Principal of the institution. Besides, the institution has a research committee which co-operates and keeps record of the research and faculty improvement programmes and activities of the faculty members.

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 institution through its teacher members places its concerns and the key suggestions of its stakeholders at the Board of Studies of Dibrugarh University. These concerns and suggestions are considered by the Board of Studies of Dibrugarh University while taking academic decisions. Moreover, in certain cases we directly communicate to the Dibrugarh University some concerns for consideration in designing the curriculum by the university. Particularly we convey our feedback regarding the difficulties in implementing certain provisions recommended by Dibrugarh University and at the same time point out to the Academic Parent Body the anomalies if any in its design of the courses. To cite an example in this, respect, we have suggested certain amendments in the internal assessment system of Dibrugarh University for undergraduate courses.

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?

There is a mechanism to obtain feedback from the students and stakeholders of the college. We communicate some feedback to the University through our teacher representatives at Board of Studies. The provisions of tutorials and remedial classes are introduced partially on the basis of such feedbacks as internal measures.

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?)

Several new and effective short term programmes were introduced by the institution in the last a few years. The certificate course in Computer Applications, Spoken English, ITES-BPO, Diploma course in Human Rights are noteworthy among these. Besides, the departments of Assamese and English had jointly run the optional course on Creative Writing on the basis of the Dibrugarh University recommendations. Further, the Department of Chemistry has carried out training programmes on extraction of essential oil from locally available medicinal herbs and plants of the greater Titabar area. The rationale for such short term courses is to enhance their eligibility for employment in the contemporary job market.

CRITERION II: TEACHING - LEARNING AND EVALUATION

2.1 Student Enrollment and Profile

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

The institution has a transparent admission process for which we publish the admission notice in daily newspapers for wide circulation. We ensure publicity and transparency by way of publicly displaying the merit list of the students, desirous of getting admitted into the college, a few days ahead of the date of admission. The grievances of any guardian and student regarding the selection of candidates in the merit list are given a patient hearing by the concerned authority and clarifications are offered to them whenever it is necessary. In the preparation of the merit list for admission the government notifications regarding reservation of seats are followed for all the categories. The cut off mark for direct admission into Semester I is also clearly stated in the admission notice. The college reserves a certain percentage of seats for students who have passed the qualifying examination from the institution.

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.

The general admission into the B.A. and B.Sc. programmes is based on the criteria of merit of the applicants. This criterion is also maintained in the admission of the students belonging to reserved categories as per government guideline. However, a certain percentage of seats are filled by admitting the students passing out their Higher Secondary final examination from the college. In this case also merit of the candidates is considered first. At present the selection of students for admission into the major courses in both the Arts and Science streams is done on the basis of merit/ selection test/ interview or a combination of all the three criteria as decided by the individual teaching departments of the college. Besides, two students are admitted to each of the two streams on the basis of the nominations from the donors.

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

Comparison of data on admission at entry level with other colleges of the affiliating university within the district:

Name of Programme: Bachelor of Arts (B. A.)

Year	N. N. Saikia College		Mariani College		J. B. College	
	Min. marks (in %)	Max. marks (in %)	Min. marks (in %)	Max. marks (in %)	Min. marks (in %)	Max. marks (in %)
2010-11	30.0	71.8	35.0	65.0	52.0	78.0
2011-12	30.0	60.4	40.0	63.0	58.0	82.0
2012-13	32.8	79.9	45.0	69.0	61.0	86.0
2013-14	36.0	84.8	45.0	65.0	55.0	84.0

Name of Programme: Bachelor of Science (B. Sc.)

Year	N. N. Saikia College		Mariani College		J. B. College	
	Min. Marks (in %)	Max. Marks (in %)	Min. Marks (in %)	Max. Marks (in %)	Min. Marks (in %)	Max. Marks (in %)
2010-11	37.6	73.2	45.0	60.0	56.0	82.0
2011-12	40.6	83.4	48.0	65.0	54.0	82.5
2012-13	48.2	82.0	60.0	88.0	61.0	83.0
2013-14	42.8	80.8	60.0	85.0	58.0	82.0

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

The institution reviews its admission process from time to time. The cut off marks for direct admission into different programmes of the college is reviewed and discussed every year. If necessary the cut off mark is increased to give more priority to quality students. The college also reviews the admission of students into the major courses run by the different departments of the institution. Earlier students were admitted into the major programmes on the basis of their marks secured in the concerned subject in the Higher Secondary level and as per their preference expressed in the application form for admission. Presently this practice has been done away with on the basis of the review of the earlier process and now the admission to major courses is done on the basis of either merit or the performance of the candidates in the selection test or viva conducted by the individual departments. Some

departments even follow all the three steps for selection of the students into their major courses. Again, the departments review the criteria of eligibility of students for the major courses each year at the departmental staff meetings. The different criteria for admission into major courses and review of the same from time to time have led to the improvement of the very admission process as the institution has been able to enrol meritorious students into the major courses.

We have entrusted the departments of the college to closely monitor the profile of the students in each semester and review as well as assess their academic status. These efforts have contributed to a great extent towards the improvement of the academic standards of the college. Moreover, some positive developments have been witnessed in respect of the development of the overall environment of the institution as a result of such efforts.

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 sections
- * Minority community
- * Any other

Our institution perfectly reflects the national commitment to diversity and inclusion as guaranteed in our constitution in more than one way. By adhering to the government guidelines regarding reservation of the seats for the categories of SC, ST (P), ST (H) OBC, MOBC, TGL, PH, VI etc. the college has been providing them access to the field of higher education. It may be mentioned that since the college is located in a recently declared sub-divisional town, surrounded by rural areas, most of its students belong to economically and culturally weak sections of the society. A glance at the student profile from the social, economic and cultural perspectives clearly reveals that a considerable number of our students belong to ST, SC, OBC and MOBC categories. But no one is discriminated against on the lines of gender, caste, creed, culture or religion. Besides, we have been offering equal space to the differently abled students and those from the other minority communities like the Buddhists and Christians. Another notable aspect of the admission policy of the college is that the female students are required to pay less fee than their male counterparts. This has been done to encourage enrolment of women in the field of higher education. In short we fulfil to the best of our level the requirements of a culturally heterogeneous society.

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

Name of Program: Bachelor of Arts (B.A.)

Year	No. of applications	No. of students admitted	Demand Ratio
2010-11	280	261	1.1
2011-12	312	270	1.2
2012-13	326	298	1.1
2013-14	377	300	1.3

Name of Program: Bachelor of Science (B. Sc.)

Year	No. of applications	No. of students admitted	Demand Ratio
2010-11	67	54	1.2
2011-12	121	92	1.3
2012-13	135	100	1.4
2013-14	126	113	1.1

It is apparent from the table that the trends in the demand ratio in respect of Arts in the last four years, i.e., from 2010-2011 to 2013-2014, has been in the range between 1:1.1 to 1:1.3 and in respect of science it has been in the range between 1:1.1 to 1:1.4 during the same period. The difference in the changes in both the streams is not very significant. The little fluctuation noticed during the period is mainly due to the rural and economically weak background of the majority of the population in the greater area of Titabar. Besides, there is a problem of transportation from Titabar to other places in the late afternoon hours. These problems have restrained the students from the comparatively remote and less developed areas from getting admitted to the college. Such students prefer to go to some of the newly established educational institutions in their locality, like Borholla College at Borholla, to stay free from the constraints mentioned above. However, during the period from 2010-2011 to 2013-2014 there has been a healthy growth in the total number of students admitted into the college in different disciplines.

2.2 Catering to Student Diversity

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

The institute adheres to the government policies in respect of the differently abled students. We facilitate the differently abled to seat in the front benches in the class room. For the convenience of the blind students we allow a junior student to write the answers in examinations as per the university guidelines. Besides, keeping in mind the Dibrugarh University

regulation, we permit the blind candidates twenty minutes extra time in addition to the scheduled three hours for submission of the answer script in the examinations.

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

We assess the needs of the student before the commencement of each of the academic programmes. We procure new and latest books on the subjects so that the students are exposed to the latest literature on the subject. Besides, whenever a new portion or paper is introduced by the university we immediately arrange for the required books to cater to the specific needs of the students. It may be mentioned here that earlier the college used to invite guest lecturers to impart the students the new sections/papers, like Econometrics, for which specialists are required. The departments of the Science Stream arrange especial practical classes to provide the students a better exposure to the newly introduced papers in the syllabus. Moreover, some new equipment is procured at regular intervals keeping the interests of the students in mind.

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

The institution has offered autonomy to the departments to conduct bridge/ add-on courses whenever necessary to bridge the knowledge gap of the students. Such courses have also helped the students to enrich their present knowledge base on the subject or topics for which the add-on programmes are conducted. For example the department of chemistry has taken several steps to bridge the knowledge gap of the students by arranging especial practical programmes for their benefit. Again, the remedial classes are run to enrich and improve the skill and knowledge of the students from reserved and backward categories.

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

The admission policy of the college works towards the sensitization of the cross cutting issues by emphasizing equal treatment to all irrespective of gender, culture, caste, religion etc. of the students. The authority also uses the orientation programme with students, teachers and staff to sensitize all about these vital issues. The quality policy of the college is also a medium to sensitize all those connected with the college about such issues. The college

authority also exhorts all teachers and staff at the staff meeting held in the beginning of each new session to accept each and every student equally. The students are advised during the freshmen's social programme every year not to engage themselves in any discriminatory practice. Again in respect of environment we have initiated several practical programmes to sensitize each member of the college family including teachers, non-teaching staff and students about maintenance of a proper educational environment within the campus. Some steps in this regard are the construction of drains to avoid the problem of water stagnation, provision of dustbins in the campus, initiation of punitive measures for violation of the rules of a tobacco-free zone etc. To add on such measure and to maintain a hygienic green campus tree plantation programme was also carried out within the campus.

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

We identify the advanced learners during the class room teaching, in the different examinations and during the interactive sessions between students and the faculty members. We respond to the special learning needs of such students by way of providing them with advanced learning materials like reference books, standard anthologies, refereed journals and sometimes we introduce them to reputed subject experts in the nearby towns for further special guidance in the areas of their interest. The bright students of a few subjects/ departments are taken to the advanced study centers and research centers for better exposure in the concerned subjects. Further the departments also invite subject experts to deliver special lectures for the benefit of the advanced learners. The advanced students are also encouraged at the department level to collect advanced data and access the standard articles available as e-resource in internet. The major students are encouraged to prepare and make Power Point Presentation in the seminars held in our college and at other institutions.

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

The institute collects and analyses the data and information about the academic status of the students at risk of drop out from their marks obtained at the qualifying level examinations as furnished by them with supporting documents in the application forms for admission into the college, from their performance in the sessional tests, class tests, seminar presentation of the college and in-semester and end-semester examinations of the Dibrugarh

University. We use these data and take care that the performance of the students is improved in all the subsequent examinations. They are also taken care of in the tutorial and remedial classes meant for the economically backward students. The teachers also provide the students with notes and other reading materials when necessary.

2.3 Teaching-Learning Process

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

The teaching, learning and evaluation schedules of the college for each academic session are planned and monitored by the Academic Planning and Monitoring Board of the institution. The plans and proposals of this Board are approved by the college administration and circulated among the faculty members.

Courses of studies and allotment of teaching units:

The Academic Planning and Monitoring Board decide the subject combinations that the students are allowed to offer in the B. A. / B. Sc. programmes. The HoDs are entrusted with the responsibilities to assign the portion/ units from the Dibrugarh University syllabus to the individual teachers. The allotment of the units is done on the basis of the preference of the teachers, their specialization/ area of interest and the discretion of the HoDs. For smooth conduction and completion of the courses a course coordinator is appointed for each of the courses/ semesters.

Daily Class Routine:

The daily class routine of the college for both the Arts and Science streams is prepared by the Academic Planning and Monitoring Board and the same is placed before the Principal for consideration and necessary approval. While preparing the routine attention is given to equal distribution of classes to all the subjects along with a logical allotment of library and tutorial classes.

Academic Calendar:

The academic calendar of the college is prepared by the same Academic Planning and Management Committee based on the Academic Calendar of the affiliating university. The committee forwards the routine to the Principal for his consent. The programme for the sessional examinations, students' seminar presentation, semester break, college week and some other activities like freshman's social, students' union election etc. are clearly chalked out in the academic calendar of the college.

Departmental Activities:

The teachers of the individual departments of the college hold discussions from time to time and discuss the different programmes and activities to be conducted by them within a specific time schedule. Such activities include selection test for major students, departmental seminar, release of the departmental wall magazine, release of departmental journal or magazine etc. The tentative dates for each of these programmes are taken at the meetings and followed up as per the convenience of those concerned. In such departmental staff meetings the units of syllabus covered till the date of holding the staff meeting is also discussed and views are exchanged about new teaching materials and effective teaching methods.

Evaluation Process:

In the present semester system the academic Vice Principals of the Arts and Science streams are entrusted with the responsibilities to finalize the dates of submission of question papers for sessional examinations by the departments, dates for conducting the sessional tests and dates of submission of the final mark-sheets of these tests by the departments. The academic Vice Principals also take care that the departments receive the question papers and answer scripts well before the date of commencement of sessional examinations. The departments of the college conduct the sessional examinations, evaluate the answer scripts as per the Dibrugarh University guidelines and display the mark-sheets in the departmental notice boards after preparation of the same. The departments also handle/ tackle the grievances of the students if any and show the answer scripts if and when necessary. In all these practices the guidelines of the affiliating university are strictly followed.

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

The IQAC of the college contributes to the improvement of the teaching-learning process of the institution in a significant manner. Some of the activities of IQAC towards improvement of the teaching-learning process are listed below.

- The IQAC interacts with the Principal of the college regularly. It offers him suggestions from time to time regarding infrastructure development of the institution.
- IQAC has been insisting on the utilization of ICT facilities in the college campus. It is partially on the insistence of the IQAC that the Smart Room and modern library facility are coming up in the college.
- The IQAC has suggested the departments to maintain up-to-date profiles of the students by providing them with the proforma for maintaining the

profile. IQAC assesses the profile of the students with a view to observing the trend of development or deficiencies if any.

- The IQAC has suggested and in some cases collaborated with the departments to initiate some short term training/ orientation programmes based on curriculum for the benefit of the students. To cite an example the department of chemistry has organized a one day training programme in collaboration with the IQAC on extraction of essential oil from medicinal herbs.
- The IQAC suggests the students of the college to develop their extra-curricular and co-curricular skill in the fields of games, sports and culture so that they can compete with their counterparts of the state and national levels. IQAC also motivates the students to increase their involvement in philanthropic activities for the betterment of the society. IQAC has organized a one day workshop for the office staff on proper and scientific way/ process of maintenance of files and records.
- IQAC has also organized a one day programme on disaster management to impart the students as well as the other members of the college family about the steps to be taken during natural disaster.
- IQAC plays an important role in the collection of feedback on the various aspects of the curriculum from the students and stakeholders of the institution. It analyses such feedback and suggests the authorities and departments regarding the measures for improvement if required for enrichment of the teaching learning process.
- IQAC also takes keen interest in the exposure and quality enhancement of the faculty members of the college. It keeps updated information about the academic seminars and conferences to be held at the leading institutions in India and abroad and informs and encourages the faculty of the concerned departments for participation and presentation.

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

The teaching learning process has been made student friendly with the introduction of the semester system. The support structures and systems available for the faculty and their projected outcome can be listed as given below.

- The spacious class rooms are among the most noteworthy supports to the faculty which in turn lead to the interactive learning of the students. The teachers take care that the classes engaged by them are not always a one way system. From time to time they engage the students in interactive sessions in order to test, and improve their knowledge base.

- The central library of the college is another support to the teachers to guide the students for independent learning. The daily class routine of the college has library periods for the students. The teachers of the different departments instruct their students on the available text, reference books and other reading materials in the library. The teachers also guide them about the type of information to be searched in a particular book. Students are advised to write assignments by consulting such materials and books and this enhances the independent learning among the students.
- The laboratory of the Computer Center is another vital support of the college in making teaching-learning more student-centric.
- The departmental libraries have proved to be of tremendous help in transforming the learning process into a more student-centric practice.
- The ICT facility has also helped in the interactive learning of the students. In the Power Point Presentation classes the students are instructed to interact with the faculty to seek clarifications regarding their doubts and questions.
- The e-resource available in the main library building and departments has helped and inspired the self learning process of the students. The Open Access Journal and the online databases have proved to be very effective both for the teachers and the students in making learning more and more student friendly and student-centric.
- The field work/ survey and the well equipped laboratories of individual departments also contribute to the student-centric learning process. The field survey and the practical classes expose the students to the real experiences. Such exposures are aimed to develop the collaborative learning of the students as they are encouraged during these programmes to work in collaboration with the fellow students and teachers/ guides.

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

The institution nurtures critical thinking, creativity and scientific temper among the students through different ways. Classroom teaching is one of the most conspicuous ways in the respect. The faculty members always endeavors to inculcate the habit of critical thinking among students on the course contents and on various issues of contemporary social relevance. Development of creative abilities of the students is one of the core concerns of the faculty from both the Arts and Science streams. *Nandanian*, the college magazine aims to bring out the best efforts of the students in respect of

critical thinking and creativity. A sound scientific temperament is nurtured in the theoretical and practical classes of the science departments. Exposure to specialized training and lectures are also given to develop a scientific temper among the pupils. The Dibrugarh University recommended skill based course run jointly by the departments of Assamese and English is aimed at harnessing the creativity of the students pursuing that course.

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

The facilities used by the teachers for effective teaching, so far technological aspects are concerned range from ICT to virtual libraries. Internet connectivity provided to each of the departments by the college authority has proved to be of great help in making teaching a more effective practice. The availability of a number of open access journals and some other leading journals of the world in the fields of Science, Humanities and Social Sciences provided by INFLIBNET has changed the entire dynamics of teaching as the teachers give input in their classes from some of the recent articles available online. This has definitely helped us in improving our teaching and making it more effective.

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

The faculty members participate in conferences and seminars organized by different institutes in India and abroad. This practice offers them exposure to advanced level of knowledge in different discourse in the relevant disciplines. The research works done by some faculty members in the leading research centers like NEIST have also given them exposure to the latest trends of thinking and development at an advanced level. Besides, both the faculty and students are exposed to the emerging areas of knowledge and research at the seminars, expert lectures and workshops organized at the college from time to time. Major students are encouraged to present their research papers in the sessions chaired by the invited experts for assessment and suggestions for further improvement by the experts. The deliberations during such seminars and workshops also benefit the teachers and students by way of exposing them the new ideas and thought.

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

The Career and Employment Cell of the college had organized a one day programme on “Career Opportunities for degree level students in various sectors” on 29/10/2010 in which Dr. Gauranga Kr. Sharma of Assam Institute of Management was the resource person. A good number of students attended this programme. At the initiatives of the cell three students of the college appeared at the campus recruitment drive organized by the Dibrugarh University Training and Placement Cell in collaboration with WIPRO Technology on 10th and 11th December, 2012. The department of Chemistry, in connection with the celebration of the International Year of Chemistry, organized a career counseling programme on Chemistry Disciplines on 04/11/2011. A total number of 64 students were benefitted from the counseling programme in which Dr. Pinaki Sengupta, HoD, Material Science Division, CSIR-NEIST, Jorhat was the chief counsellor.

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

In the last four years the teaching approaches have undergone certain change from the earlier one way delivery of lectures by the teachers. The present system of teaching and learning is basically a participatory one. The teachers involve the students in giving presentations and submitting assignments/ project reports for assessment and evaluation. Sometimes the students are also encouraged and asked to give extempore presentations before the faculty on select topics from the syllabus. One of the most praiseworthy efforts of the institution in respect of encouraging the faculty to adopt new and innovation teaching methods is the construction of two Smart Class Rooms. The ongoing construction of an enlarged and well-equipped library is another step in this respect. Besides, the institution always encourages and financially supports the purchase of standard reference books in the library/ libraries and furnishing of equipments in the Science laboratories. Further, the institution provides new rooms and laboratories for the new courses introduced by Dibrugarh University for which laboratories are required. Cross faculty teaching is also one of the innovative teaching approaches adopted by the faculty of a few departments. The facilities of photocopy and print made available to the faculty and students by the authority also deserve mention in this context. All these efforts have yielded positive results so far. The students have become very eager to attend the classes and participate in the various activities like seminar, workshop, project etc. Dr. Lakhiram Khanikar, Department of Physics has designed an

instrument for measurement of band gap in a semi conductor diode for the practical classes of Physics. This semi conductor diode has been of tremendous help for the students of Physics to understand the measurement of band gap in an effective and fruitful way.

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

The available library resources have proved to be of much help in the augmentation of the teaching-learning process. The available reference books and journals are used by the teachers to give advanced inputs in the classes. The faculty members are quite keen to use the e-journals and e-books to improve their teaching. They also encourage and guide the major students to utilize the library resources including the e-resources for improvement of their learning process and for better interaction in the classroom.

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

The institution has been facing challenges in the completion of the curriculum within the semester bound time frame due to the shortage of regular teacher in a few subjects. Besides, some administrative programmes organized in the campus by the sub-divisional and district administrations like training programmes at the time of general census, assembly and parliamentary elections also cause hindrances to the completion of the prescribed courses on time.

To overcome the problem of shortage of regular/ permanent teachers, part time teachers are appointed by the authority. The head of the institution also requests and arranges for extra classes. Sometimes special lectures by reputed resource person are also organized for the benefit of the students.

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

The responsibility to monitor and evaluate the quality of teaching-learning mainly lies with the Academic Vice Principals of the Arts & Science streams. They regularly monitor the progress of the course by the departments and point out if any shortcoming is noticed. Further, there is a provision of appointment of course coordinators for each of the courses at the departmental level. The course coordinators also keep a close track of the progress of the course. The IQAC also keeps itself informed with the quality of teaching-learning in the campus. IQAC offers suggestions to the authority on the matters of concerns in this regard.

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.	0	0	0	0	0	0	0
Ph. D.	0	0	6	4	6	2	18
M. Phil	0	0	2	0	4	3	9
P. G.	0	0	5	6	4	7	22
Temporary teachers							
Ph. D.	0	0	0	0	0	0	0
M. Phil	0	0	0	0	0	0	0
P. G.	0	0	0	0	1	0	0
Part-time teachers							
Ph. D.	0	0	0	0	0	0	0
M. Phil	0	0	0	0	0	0	0
P. G.	0	0	0	0	1	4	5

The college has an accommodative strategy so far planning and management of the academic affairs are concerned. For permanent recruitment we follow the government and UGC guidelines circulated by these authorities from time to time. The information regarding special paper/ specialization required for the new vacancies is supplied by the HoDs of the concerned departments to the authority. The Selection Committees constituted for recruitment of teachers in different subjects give priority on selection of the best candidate. For this purpose the best experts (as per the Dibrugarh

University subject expert list) are appointed so that the knowledge of the candidates in the desired special area and the overall subject can be examined. The advertisement for recruitment of teachers is published in reputed daily news papers (both vernacular and English) for wide circulation. For retention of the qualified staff a liberal and inclusive atmosphere, soliciting maximum teacher involvement is created by the authority. To meet the changing academic requirements that arise from the introduction of new courses in the curriculum and the delay in filling up the permanent vacancies due to some unavoidable reasons, qualified part time lecturers are appointed by the authority. As a measure of retention of the qualified teachers the matters of their financial benefits like increments, upgradation of AGP and other promotion are always given prompt and proper attention by the college. Academic aspects from library to laboratory and research facilities are also planned and provided as well as monitored by the institution for the contentment and retention of qualified teachers.

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

The college has developed state of the art infrastructure to focus on the emerging areas of science particularly Biotechnology and Information Technology. The college has set up an Institutional Biotech Hub with the financial support of DBT, Govt. of India (36.5 lacs) through which the college has attained a position to start B. Sc. Programme in Biotechnology. A proposal has already been submitted in this direction as per Government notification. Besides, the college has renovated and enlarged the computer center cum laboratory and has appointed a part time lecturer to impart the new courses related to Information Technology introduced by Dibrugarh University. Bioinformatics has already been introduced in the B. Sc. sixth semester syllabus of Botany and Zoology major courses. The theory and practical classes such as BLASTA, FASTA, Phylogenic tree calculation etc. are going on at present. Further, to fulfil the growing demand in the emerging areas of study some young, talented and qualified faculty members have been recruited in recent time.

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

a) Nomination to staff development programmes

Academic Staff Development Programmes	Number of faculty nominated			
	2010-11	2011-12	2012-13	2013-14
Refresher courses	1	3	6	4
HRD programmes	0	0	0	0
Orientation programmes	8	0	1	4
Staff training conducted by the university	0	0	1	2
Staff training conducted by other institutions	35	0	0	0
Summer / winter schools, workshops, etc.	14	22	15	3

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

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

c) Percentage of faculty

- * invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies
- * participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies
- * presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies

Year	Percentage of Faculty Members
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	Invited as resource persons in Workshops/ Seminars/ Conferences organized by external professional agencies	Participated in external Workshops / Seminars/ Conferences recognized by national/ international professional bodies	Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies
2010-11	0	45.3	47.2
2011-12	0	49.1	49.1
2012-13	0	23.5	24.5
2013-14	6.5	10.9	47.8

The institution facilitates any programme that enhances the quality of the faculty. The institution allows and relieves the faculty members to participate in OPs/ RCs/ Workshops and such other programmes organized by the ASCs, Universities and other recognized institutions in order to enhance teacher quality. The institution has adopted a strategy to increase the print and web resources in the library with a view to achieving a definite standard. Fund is released on regular basis to procure new and advanced reference books to the library for the convenience of the teachers. Further, the subscription to INFLIBNET has opened the world of information available as online resource to the faculty members. This is also part of the institution's strategy in respect of enrichment of the teacher quality.

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

There prevails a teacher friendly environment in the college. The academic interests of the faculty members are always promoted by the authority. Upholding the objective of enhancement of teacher quality, the teachers are encouraged to pursue research in the emerging and other areas of their interests. The teachers willing to carry out research have been given NOC from the authority. A few teachers were relieved from their regular duty to pursue M. Phil and Ph. D. research work as full time researchers under UGC FIP during different UGC 5 year plans. The permission by the authority to use the library resources and the science laboratories for the purpose of research also indicates the benevolent attitude of the institution towards the teachers. Besides, the college authority has permitted from time to time the teachers-in-

charge to lead the group of students to short industrial engagements for practical exposure to tea and cement industries and other small scale industries like ceramics.

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.

Nil

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

The college takes feedback from students on the teachers under several headings meant for evaluation of the teachers. The institution, through its IQAC, assesses the students' evaluation of the teachers. The IQAC puts forward its report on the assessment of the evaluation by students and forwards its report to the principal that contains its suggestions for improvement in regard of the teachers who are found to have major anomalies in vital aspects of the teaching-learning process. It may be mentioned that the teachers who participate in the OPs/ RCs organized by different ASC across the country go through an evaluation at the end of such programmes. The teachers after return try to introduce in their classes the new methods and knowledge inputs received during such courses and at the same time they try to improve in the areas they were lagging behind prior to their participation in the OPs and RCs. However, the college has not introduced evaluation of teachers by externals so far.

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 institution informs the stakeholders (students & teachers) about the evaluation processes that are in practice through its annual prospectus as well as the academic calendar. The orientation/ interaction programme among the authority, the faculty, the staff and the students, held at the beginning of the new session each year, is also aimed among other issues, at making the stakeholders aware of the evaluation process as per Dibrugarh University guidelines. Besides, the faculty members also inform the students about the assessment procedures under different headings like attendance, group discussion, seminar presentation etc. in the introductory classes and outside the class room.

2.5.2 What are the major evaluation reforms of the university that the

institution has adopted and what are the reforms initiated by the institution on its own?

The institution has adopted the evaluation reforms as required by the introduction of the undergraduate semester programmes from 2011 by the Dibrugarh University. These reforms include increase in the number of sessional examination from one to two per semester from 2011. Again, the marks for Internal Assessment have been increased from 10 to 20 under the semester system. Group discussion has been made mandatory for each of the semesters. However, the institution has not initiated any reform of its own other than those recommended by the affiliating university.

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?

The college ensures effective implementation of the evaluation reforms of the university mainly through the Academic Vice Principals of both Arts & Science streams and the individual departments. The departments and Academic Vice Principals take care that the new evaluation procedures are strictly followed to yield the results as envisioned by the Dibrugarh University undergraduate curriculum. To achieve these goals required notices from the college authority are circulated from time to time to the concerned persons. The students are also informed about attendance, appearance in the evaluation tests, group discussion and seminar presentations by the principal and HoDs.

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

Class tests, surprise tests, seminar presentations, group discussions etc. are some of the formative evaluation approaches adopted by the institution for measuring student achievements. The sessional examination (two in each semester) and the in-semester and end-semester examinations held in the college are aimed at the summative evaluation of the students. Both the formative and summative approaches have positively helped the evaluation system of the college. The different tests for formative evaluation have helped the teachers to identify the depth and extent of learning by the students and take positive steps for improvement of those who are lagging behind in certain aspects. Surprise tests and seminar presentations have proved to be of much importance in this context. The sessional and the semester examinations have contributed to the overall assessment of the pupils. On the basis of the overall result of a summative assessment at the end of a semester, the teachers take necessary steps for better learning and performance by the students.

Summative assessment exposes the weaknesses of the students at the end of the term and alerts them to be more serious followers of the teachers' instructions. This helps both the faculty and students to be more careful for improved performance in subsequent semesters.

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

Some vital improvements have been noticed in ensuring rigour and transparency in the internal assessment system in the last four years. The practice of taking attendance of the students in sessional examinations, seminar presentations has led to rigorous implementation of the Internal Assessment process. The numbers of absentee students has significantly decreased after introduction of this practice as it is taken into account while giving them weightage for attendance. The mandatory seminar presentation by students instead of the earlier practice of submitting Home Assignment is another noteworthy improvement in respect of rigorous implementation of Internal Assessment. Decentralization of the power or authority to hold Internal Assessment examinations in the last a few years, as a consequence of which the central examination committee's duty to hold the said examinations has been transferred to the departments, is another step in the positive direction. This has given the departments a firm control over the students in ensuring rigour in Internal Assessment. To achieve transparency in Internal Assessment a few positive developments can be mentioned. To ensure proper publicity and clarity regarding dates of sessional examinations and topics for seminars, the departments display the notices in the departmental notice boards well ahead of the dates of tests. The mark sheets of the students are also displayed in the departmental notice boards after evaluation. Further, upholding the spirit of sharing of information, the departments show the answer scripts to the students who want to check their evaluated answer sheets. While evaluating the students' performance, their developments in respects of behavior, self learning, communication/ presentation, comprehension of course materials, regularity in attendance etc., are considered by the teachers though there is no formally assigned weightage under these headings.

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

The section 24(i) of the Dibrugarh University Act, 1965, that details about the under-graduate board of the university puts emphasis on the residence, health and discipline of the students in under-graduate courses. Our college specifically mentions in the prospectus about the compulsory

adherence to the codes of behaviour and discipline to be maintained inside the college campus. The college ensures the attainment of these in the behavioural aspects through regular monitoring. The vision and mission of the college imply the attributes expected from its graduate that include the possession of skill, sound personality and knowledge as well as the ability to examine and work for the sustenance of life and society. The quality of fellow feeling and social commitment are some other expected graduate attributes that are conveyed to the students by the authority and teaches from time to time. The college, works to the best of its capacity towards attainment of these qualities in its graduates as embodied in its vision and mission and offers all the required facilities from faculty to library and laboratory.

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

There is a Grievance Redressal Cell that addresses the grievances of the students regarding evaluation reported to or placed before it. Usually the cell forwards such matter to the concerned departments and records the matter in its diary. When the students place their grievance before the HoD of any department, the HoD immediately initiates steps for the consideration and examination of the validity of the complainant. If required the HoDs re-examine attendance, hard copies of the seminar presentation of the student and marks awarded for it and the answer scripts of sessional examinations and take corrective measure if any discrepancy in the evaluation of the complaining student is noticed. For redressing the grievances regarding university level examinations, the students are allowed to consult the teachers of the concerned subject(s) and if necessary the college authority forwards the necessary documents for re-evaluation of the candidate's answer book by the affiliating university.

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 goals and objectives of the college include some learning outcomes. The prospectus of the college clearly states these targets under the heading Goals and Objectives. The targeted outcomes related to teaching-learning process are also highlighted by the authority at the orientation meet among authority, teachers and students at the outset of each academic session. The authority highlights these learning related outcomes in his address to all the stakeholders present at the meeting between staff and students. The quality policy of the college also states the learning outcomes expected from the graduates of the college. The individual teachers too make the students aware of the expected outcomes in the respect of the students in the

introductory lectures.

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

The institution monitors the progress of the students at various levels. The teachers of the respective departments closely observe the progress of the students throughout the six month semester programme. They observe the students' regularity and course comprehension in the class lectures and draw the attention of the students and their parents in the parent-teacher meet and at times personally as well. Their performance at the two sessional examinations and the semester examinations conducted by Dibrugarh University is also analysed by the teachers and course coordinators and conveyed to the guardians. The meetings of the Principal and the HODs also discussed the results of the students.

Analysis of the students' results/achievements (Programme/course wise for last four years):

Name of Programme	Year of Completion	Total Number of Students		Pass Percentage
		Appeared	Passed	
B.A.	2010-11	138	85	61.6
	2011-12	188	125	66.5
	2012-13	197	170	86.3
	2013-14	131	107	81.7
B.Sc.	2010-11	8	6	75
	2011-12	21	10	40
	2012-13	41	28	68.3
	2013-14	43	31	72.1

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

For the achievement of the teaching learning targets there is a well structured strategy developed over the years by the college. The preparation of the daily class routine is done in a way that each of the papers of the different courses is fairly represented in the routine. The HoDs are entrusted

with the responsibility to assign teaching units to the teachers and to monitor the proper course coverage on time. The academic Vice Principals are bestowed with power to monitor and arrange for proper running of the classes. They may seek explanation for lapses if any in the engagement of classes by an individual teacher. Sometimes the departments arrange for extra classes if the regular classes as per the daily routine are hampered due to unavoidable circumstances. Reputed resource persons are also invited from other institutions to interact, train and guide the students. To inculcate finer values of life among the students, the teachers constantly guide and instruct them both inside and outside class room. This, in turn, also works towards the development of a sound personality of the students. As part of the learning strategies, attendance, as per Dibrugarh University guidelines, has been made mandatory. The college authority in the beginning of each academic session informs the students the rules regarding attendance and implements the non collegiate/ discollegiate rules regarding their attendance. The authority also emphasizes the proper observation of the codes of conduct for the students for the maintenance of a disciplined environment inside the campus. The internal assessment strategies are framed after proper discussion among the Principal, Vice Principal, Vice Principals (Academic) and the teachers. The Dibrugarh University guidelines in respect of the Internal Assessment (weightages under different heads) are carefully and strictly complied with as part of the assessment strategy of the college.

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

The initiatives taken up by the college to enhance the socio-economic relevance of the courses range from providing well equipped laboratories furnished with modern facilities to exposing the students to computer operation skills. The subjects/ departments that require laboratories to impart their lessons have been provided with the laboratories by the authority. The computer center is another notable step in this direction on the part of the institution that gives sufficient exposure in the field of computer application, web design, online correspondence etc. The coaching programmes for competitive examinations are another positive step of the institution. The Career and Placement Cell constituted by the institution has been guiding and motivating the interested students about the various job opportunities of the different courses run by the college. These efforts have enhanced the possibility of securing quality jobs by the students. The regular and short term courses offered by the college also encourage and train the students and participants to undertake entrepreneurial occupation like tea planting, fishery, poultry etc. To highlight the economic relevance of such programmes resource persons are invited to talk on such courses from time to time by the

authority. The authority as well as the individual teachers of the college instruct and instill the students in the Orientation, interaction programmes and during classroom teaching and informal discussions regarding research possibilities and benefits to the self and the society of the courses offered by the college. The institution has enabled each and every department of the college to procure the required texts and reference books and reputed journals to give the students of different subjects an exposure to the quality knowledge and information embodied in these books so that the students are imbued with a zeal to explore the traditional and emerging areas after completion of their higher studies in the relevant disciplines.

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

The institution collects and analyses data on student learning outcomes at two levels- central and departmental. The departments conduct and collect the Internal Assessment records after the completion of each of the Internal Assessment tests/ seminars. The teachers of each of the departments hold staff meeting to discuss and analyse the learning outcomes of students till the time of Internal Assessment tests. The departments, when there is any matter of concern, plan for improvement of student performance in subsequent times. At the central level, the Principal, Vice Principals and HoDs hold discussions after the results of in semester and end semester examinations are declared. The mark-sheets are checked to find out the data on student achievements and failures in different subjects. These data are analysed and measures for improvement are discussed and finalised with the consent of the authority and the HoDs to dispel the barriers of learning. The concerned authorities also take adequate steps if learning outcomes are below the expected level due to non-availability of texts and reference books in the library. The learning outcomes of the SCs/ STs are taken into consideration and depending on their performance the provision of remedial and extra classes are planned. Besides, in the behavioural and personality aspects if any case of juvenile delinquency is noticed and reported, these are discussed and corrective measures are initiated so that the student(s) can be prevented from going astray. The feedback of the parents on the academic achievements performance of their wards also contributes to the collection of data in this respect. Their suggestions for improvement of the teaching-learning process are discussed and accordingly planned at the central level.

2.6.6 How does the institution monitor and ensure the achievement of

learning outcomes?

The institution closely monitors and takes steps to ensure the achievement of learning outcomes. To achieve the expected behavioural standards of the students, the college strictly imposes the codes of conduct for the students. Guidance for personality development is offered by the authority and teachers from time to time through different means and methods. The performance of the students in the Internal Assessment and University examinations is assessed by the authority and the departments. To achieve the learning targets, so far academic aspects are concerned, the teachers are instructed and requested to take their vocation seriously and discharge their duty sincerely. Whenever there is a shortage of adequate number of teachers due to the retirement of the senior and experienced teachers, part time guest lecturers with good academic career are appointed by the authority. Necessary infrastructural facilities and other resources like books and journals (including e-resources) are also provided by the authority.

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

Both the institution and individual teachers use evaluation as an important indicator for evaluating student's performance and achievement of learning objectives and planning. The institution holds meeting of HoDs at regular intervals to discuss student's performance, steps to be taken for the improvement as well as overall achievement of learning objectives and planning. The departments and teachers too hold sittings to discuss these issues after the Internal Assessment examinations in-semester and end-semester examinations. The departmental teachers particularly discuss the areas in which the students are seen lagging behind. After the Internal examinations individual teachers discuss their concerns with the students and advice corrective measures for better performance.

CRITERION III: RESEARCH,

CONSULTANCY AND EXTENSION

3.1 Promotion of Research

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

The college does not have a recognised Research Centre of the affiliating University or any other agency or organization at present. However, a few faculty members of our institute are recognised supervisors for M.Phil/ Ph.D./ Programmes of different universities, the details of which are shown below:

Name of the Faculty Member	University/ Centre	Program
Dr. Mrinal Kumar Baruah	Dibrugarh University	Ph. D.
	Assam University	Ph. D.
	CSIR- Indian National Scientific Documentation Centre (INSDOC)	Associateship in Information Science
	Vinayak Mission University	M. Phil
Dr. Budhindra Nath Saikia	Vinayak Mission University	M. Phil
Dr. Nabin Chandra Borah	Vinayak Mission University	M. Phil
Mr. Budhin Dutta	Vinayak Mission University	M. Phil
Dr. Dusmanta Kumar Sut	Dibrugarh University	Ph. D.
	Singhanian University	Ph. D.
	Vinayak Mission University	M. Phil

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

The institution has a Research Committee, which is constituted as per UGC guidelines. The committee comprises a chairperson, one convener and a few teachers as members. The present research committee is consisted of the following members:

Members of the Research Committee

1. Chairperson : Principal

- | | | |
|-------------|---|---------------------------|
| 2. Convener | : | Dr. Mrinal Kumar Baruah |
| 3. Members | : | Dr. (Mrs.) Mira Choudhury |
| | | Dr. Nazim Forid Islam |
| | | Dr. Dusmanta Kumar Sut |
| | | Dr. Devaprotim Hazarika |
| | | Mr. Nirmal Jyoti Konwar |
| | | Mrs. Monikha Saikia |

Recommendations:

The Research Committee has forwarded some recommendations to address the issues of research specially for the development of faculty members of the institution.

1. Faculty members be encouraged by the institution to engage themselves in research activities. The impact is seen as the teachers have expressed eagerness to prepare research project proposal for submission to different funding agencies.

2. A copy of the draft research project proposal be submitted to the research committee. The members of the committee will discuss the contents and look into the procedural aspects for the preparation of the proposal. The members of the committee will provide suggestions, if necessary regarding final submission of the same to the principal for necessary formalities. A good number of teachers have submitted their proposals to the research committee for review and the committee has cooperated in getting the same forwarded.

3. Every department must prepare a wooden/ polymer board to highlight some information of the project(s). These include title of the project, year of sanction, name of funding agencies, and amount of the fund and status of the project. This is under consideration and may be accepted in future.

4. The books, journals and equipments purchased from the fund/ research project must be deposited to the department concerned after completion of the project work and a list of these items must also be submitted to the authority before claiming the last instalment of the fund. The teachers have followed this recommendation and accordingly deposited the books and other equipment to the institution after successful completion of their projects.

5. The research committee be allowed to monitor for the successful completion of research projects. Accordingly the research committee has been entitled by the institution to monitor the research activities of the projects from time to time. The progress of the research work is assessed periodically by the committee and it also has offers suggestion and cooperation for any constraints faced by the researchers.

6. The research committee strongly recommends that the research papers be published in reputed national/ international journals. It has been seen that the teachers have shown unprecedented interest in research publications. Some papers have been published in reputed journals or by leading institutes and universities in the field of research.

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

- § autonomy to the principal investigator
- § timely availability or release of resources
- § adequate infrastructure and human resources
- § time-off, reduced teaching load, special leave etc. to teachers
- § support in terms of technology and information needs
- § facilitate timely auditing and submission of utilization certificate to the funding authorities
- § any other

The institution adopts a number of measures to facilitate smooth progress and implementation of research schemes/ projects. Full autonomy is provided to the Principal Investigator for successful implementation of their research projects. For the convenience of the Principal Investigator to run the project work, the principal promptly releases the funds meant for such project as and when needed by the PI. Sufficient infrastructural facilities such as space for research work, uninterrupted power supply, running water, internet facility, library facility, furniture, computer/ photocopy facility etc. are provided for smooth conduction of the project works. The authority takes keen interest so that the position of the JRF and Project Assistant are filled without much delay if any such position has been sanctioned for the project. The authority does not reduce the teaching load of the PI as the college runs only UG courses. However, special leave is given to them for their project related works such as field survey, sample collection, use of analytical facilities in other institutes, participation/ presentation in conference/seminar/workshop etc. The institute has subscribed to UGC INFLIBNET so that faculty members can utilize e-resources. The institute also facilitates the PIs in timely auditing and submission of utilization certificates to the funding agencies.

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

The institute takes up a number of steps in developing scientific temper and research culture and aptitude among students.

- Organizing seminars and workshops and inviting experts from reputed institutions and universities as resource person, key note speaker, plenary speaker etc.

- Visit of students to reputed institution/ Research organizations/ universities for better exposure and awareness.
- Project/ field works for students in conformity with UGC and university guidelines.
- By motivating students to attend seminar/ conference/ workshop etc.
- Inspiring departments to organize national conference/seminar etc and encouraging students for active participation in such events.
- Guiding students for publishing in magazines/ journals/ news papers etc.

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.

A few faculty members of the college are engaged in active research work by guiding scholars of different universities leading to M. Phil and Ph. D. Degrees. Details are as under:

Name of the Faculty Member	University/ Centre	Programme
Dr. Mrinal Kumar Baruah	Dibrugarh University	Ph. D.
	Assam University	Ph. D.
	CSIR- International Scientific Documentation	Associateship in Information Science
	Vinayak Mission University	M. Phil
Dr. Budhindra Nath Saikia	Vinayak Mission University	M. Phil
Dr. Nabin Chandra Borah	Vinayak Mission University	M. Phil
Mr. Budhin Dutta	Vinayak Mission University	M. Phil
Dr. Dusmanta Kumar Sut	Dibrugarh University	Ph. D.
	Singhanian University	Ph. D.
	Vinayak Mission University	M. Phil

Almost fifty percent of the incumbent faculty is involve in active research work. They have engaged themselves in different projects funded by external funding agencies. The details are furnished in the table given below.

SI No	Name of the P.I.	Type of Project	Title of the Project	Funding Agency
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1	Dr. Mrinal Kumar Baruah	Minor	Desulphurization of High Sulphur Coals of North East India	UGC
2	Dr. Anjumoni Saikia	Minor	Effect of Host Plants on different life parameters and cocon characters of Eri silk worm (<i>Phillosema ricini</i> Hutt)	UGC
3	Dr. Nobin Chandra Bora	Minor		UGC
4	Dr. Tarit Goswami	Minor	Nava Baishnava Andolanat Haridevar Abadan	UGC
5	Dr. Maalakhi Dutta	Minor	Studies on Medicinal Flora of Gibbon Wild Life Sanctuary	UGC
6	Dr. Mira Choudhury	Minor	The study on the effects of variable viscosity and thermal conductivity on the unsteady MHD flow past a semi infinite plate.	UGC
7	Dr. Dusmanta Kumar Sut	Minor	Mathematical Studies of Certain Second Order Blood Flow Problems: A Computer Oriented Approach	UGC
8	Dr. Bisakha Devi Das	Minor	Health and education among the scheduled caste women of Assam.	UGC
9	Dr. Anjumoni Saikia	Minor	Quantitative distribution of soil Arthropods in different eco system of Assam	UGC
10	Dr. Suresh Ch. Rajkhowa	Major Institutional Project	Biotech Hub	DBT
11	Dr. Hemen Sarma	Major (DBT Twinning Project)	Development of Plant Microbial Consortia for Removal of heavy metal and polycyclic aromatic hydrocarbon contaminated oil field of Assam	DBT
12	Gunaram Nath	Minor	Study on Internal Displacement due to Natural Factors in Majuli	UGC

13	Joy Prakash Oza	Minor	Role of Self Help Group in Socio-Political & Economic Empowerment of Women in Assam with special reference Jorhat Dev. Block in Jorhat district	UGC
14	Nirmal Jyoti Konwar	Minor	Management of the Temple of Upper Assam with special reference of Sivasagar and Sonipur district (from the 16 th century to the 20 th century)	UGC
15	Rabindra Bordoloi	Minor	Autonomy Movement ... Society	UGC
16	Dr. Partha Pratim Saikia	Major (DST Fast Track Project)	In situ generation of cyanide from novel non-toxic source: Application in a few important C-C bond forming reaction and possible extension to the synthesis of bioactive natural products	DST
17	Dr. Devaprotim Hazarika	Minor	Language of Modern Assamese Poetry: A Stylistic Analysis	UGC
18	Dr Dilip Kumar Kalita	Minor	Studies on Cicada and Arachnid (Spiders) species in Gibban Wild life Sanctuary with Special reference to Biodiversity	UGC
19	Dr. Mrinal Kumar Baruah	Minor	Synthesis, characterisation, magnetic behaviour and applications of Zinc Oxide and its transition metal doped nano particles	UGC
20	Monikha Saikia	Minor	Status of Higher Education among ST of Jorhat districts of Assam (with special reference to Titabar Sub Division)	UGC
21	Dr. Malakshmi Dutta	Minor	Studies on Medicinal Flora of Gibbon Wild Life Sanctuary	UGC

Ph.D. research (completed)

In the last four academic years 6 faculty members of the college have been awarded Ph. D. and the details are as follows:

Name of the Faculty Member with Department	University which awarded	Year
Dr. Jonali Saikia Barkakoti, Dept. of Geography	Dibrugarh, Assam	2009
Dr. Mira Choudhury, Dept. of Mathematics	Dibrugarh, Assam	2010
Dr. Devaprotim Hazarika, Dept. of Assamese	Gauhati, Assam	2012
Dr. Nazim Forid Islam, Dept. of Botany	Gauhati, Assam	2012
Dr. Bisakha Devi Das, Dept. of Education	Singhania, Rajasthan	2014
Dr. Bhuvan Talukdar	Banaras Hindi University	2014

Ph.D. research (ongoing/ submitted):

Ten faculty members of the college are pursuing research leading to the Ph.D. degree. Two faculty members have submitted their Ph.D. thesis. The details are:

Name of the Faculty and Department	Part Time / Full Time	Date of Registration	University	Topic of Research	Name of Supervisor
Snigdha Rani Rabha, Dept. of Assamese	Part Time	28.05.2011	Gauhati University	Rajen Rabha aru Raba Janagusthir Adhyayan	Dr. Bijoya Baruah, Dept. of Assamese, Dimoria College
Mrinali Kagyung, Dept. of Assamese	Full Time	June, 2011	Dibrugarh University	Mising Sakalar Loka Utsav: Parampara Aru Paribortan	Dr. Satyakam Borthakur, Dibrugarh University
Nirmal Jyoti Konwar, Dept. of History	Part Time	22.03.2011	Dibrugarh University	History and Management of the Temples of Upper Assam (from the 16 th to the 20 th Century A.D.)	Dr. Nirode Boruah, Dept. of History, Dibrugarh University
Anindita Das, Dept. of English	Part Time	4 October, 2010	Assam University	Representation of Human condition in selected Plays of N. F. Simpson	Dr. Dipendu Das, Associate Professor, Dept. Of English,

					Assam University, Silchar
Bornali Saikia, Dept. of Assamese	Part Time	April, 2012	Gauhati University	Asomor Thengal Kachari Janagusthir Samaj- Sanskritit Narir Parampar Aru Pariwartan	Dr. Bijoya Baruah, Dept. of Assamese, Dimoria College
Uday Narayan Gogoi, Dept. of Mathematics	Part Time	December, 2010	Dibrugarh University	Studies on the effect of Fuzziness on Thermal Boundary Layer Theorem	Dr. Biman Chandra Chetia, Principal, North Lakhimpur College
Rabindra Bordoloi, Dept. of History	Part Time	19.03.2011	Assam University	Autonomy Movement of Tiwa Tribe: A Historical Investigation	Dr. Paul B. Chonzik, Associate Professor, Dept. of History, Assam University, Diphu Campus
Kannaki Konwar, Dept. of Economics (submitted)	Part Time	12 March, 2009	Dibrugarh University	Health Status of the Tea Industry Labourers of Assam: A case study of Tinsukia district	Dr. K. C. Borah, Dept. Of Economics, Dibrugarh University
Geetanjali Gogoi, Dept. of English	Part Time	December, 2012	Gauhati University	Writing as sub version: A Reading of the Novels of Chinua Achebe	Dr. Sanjeev Nath, Associate Professor, Dept. Of English, Gauhati University, Assam
Mitali Chetia, Dept. of Zoology	Part Time	Sept, 2010	NEHU	Evolution of anthelmintic activity of Potentilla fulgers on neurotransmitter(s) of Hymenolepes diminuta	Dr. Bishnupoda Roy, Professor, Dept. Of Zoology

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

National Level Conference/ Seminar/ Workshop etc. organised by the college in the last four years

Academic Year	Title of the Seminar	Duration	Organizing Department	Funding Agency
2012	Workshop on Human Right Education	6 th &7 th September, 2012	Political Science	UGC

College level Seminar/ Workshop / Training Programme etc. organised by the college/ different departments in the last four years

Academic Year	Title of the Seminar etc.	Duration	Organizing Department	Funding Agency
2010	Departmental Seminar	26 th April, 2010	Geography	Self
2010	Role of Distance Education in HRD	28 th Sept, 2010	Education	Self
2010	<i>Asamiya Bhasar Banan Padhati Aru Rup gathan</i>	7 th Oct, 2010	Assamese	Self
2010	Departmental Seminar	9 th Oct, 2010	Geography	Self
2010	Seminar	27 th Oct, 2010	Chemistry	Self
2010	An Outline on Astronomy (Departmental Seminar)	7 th December, 2010	Physics	Self
2011	Human Resource Development	30 th Sept, 2011	Education	Self
2011	Special lectures	4 th Nov, 2011	Chemistry	Self
2011	<i>Asomiya Anubad Sahitya</i>		Assamese	Self
2012	Departmental Seminar	17 th March, 2012	Geography	Self
2012	Departmental Seminar	8 th April, 2012	Geography	Self
2012	<i>Lakshminath Bezbaoar Gadyar Bhasa</i>	26 th Sept, 2012	Assamese	Self
2012	Snakes of Kaziranga and Karbi Hills, Butterflies of Titabar Area	31 st Oct, 2012	Zoology	Self

2013	Departmental Seminar	24 th April, 2013	Geography	Self
2013	Departmental Seminar	10 th Sept, 2013	Geography	Self
2013	Seminar	21 st Sept, 2013	Chemistry	Self
2013	Physics of Stars (Departmental Seminar)	4 th November, 2013	Physics	Self
2013	Educational Philosophy of Swami Vivekananda		Education	Self
2014	Special Lecturers	29 th March, 2014	Chemistry	Self
2014	Training Program	6 th May, 2014	Chemistry	Self
2014	One Day Workshop on MatLab/ Mathematica	9 th May, 2014	Mathematics	Self

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

The institute does not have any prioritized research area in particular. However, some faculty members with expertise in their respective areas are continuing their research work with financial assistance from different funding agencies or on personal expenditure. The areas of research and expertise are:

- Coal-chemistry
- Nanotechnology
- Synthetic methodology
- Microbial
- Indian writing in English
- Diaspora
- Cultural Studies
- Socio Linguistics
- Fluid Mechanics
- Fuzzy Mathematics
- Folklore

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

The institute attracts eminent researchers and academicians by

organizing different national level seminars/ workshops. Moreover, experts of different specialized fields are invited to deliver talks by various departments and also to interact with teachers and students. Following is the list of eminent researchers/ academicians who have visited the campus in the last four years:

Academic Year	Title of the Seminar etc.	Duration	Organizing Department	Name of researcher/ expert of eminence who have visited the institution
2010	Departmental Seminar	26-04-2010	Geography	Dr. S. Sarkar, Lecturer, Dept. of Geography, J. B. College, Jorhat
2010	Role of Distance Education in HRD	28-09-2010	Education	Dr. Jibon Saikia, Assistant Professor, J.B. College, Jorhat
2010	Departmental Seminar	09-10-2010	Geography	Dr. A. K. Bora, Reader, Dept. of Geography, G.U.
2010	Clay Based Solid Acid and Catalyst and Metal Nano Particles	27-10-2010	Chemistry	Dr. D. K. Dutta, Chief Scientist, CSIR-NEIST
2010	Departmental Seminar on Mathematical Modeling	27-11-2010	Mathematics	Dr. Dipak Sarma, Principal, Kakojan College, Jorhat and Dr. Utpal Sarma, Associate Professor, Jaya Gogoi College, Golghat
2010	An Outline on Astronomy	07-12-2010	Physics	Dr. D. Kalita Khargharia, Associate Professor, Dept. of Physics, POWIET, Jorhat
2011	Human Resource Development	30-09- 2011	Education	Sjt Gunin Sharma, Retd. Principal of DIET
2011	Career Counseling in Chemistry Discipline	4-11-2011	Chemistry	Dr. P. Sengupta, Chief Scientist, CSIR-NEIST
2011	Different routes of Organic Synthesis	4-11- 2011	Chemistry	Dr. Amrit Goswami, Chief Scientist, CSIR-NEIST
2012	Departmental Seminar	17-03-2012	Geography	Mrs. Rani Devi Bora, Associate Professor, Dept. of Geography, D.C.B Girls' College
2012	Departmental Seminar	08-04-2012	Geography	Dr. A. P. Mahanta, Associate Professor, Dept. of Geography, J. B. College
2012	Assam in the first half of 19 th Century	29-09-2012	History	Dr. Damborudhar Nath, Dept. of History Dibrugarh University and Dr. Tasadduk Amanul

				Hussain, Dept. of History, DR College
2013	Departmental Seminar	24-04-2013	Geography	Dr. Raju Gogoi, Assistant Professor, Dept. of Geography, Diphu Government College, Diphu
2013	Departmental Seminar	10-09-2013	Geography	Mr. Netra Gogoi, Lecturer of Social Science (Pre-service teacher education), DIET, Sibsagar
2013	Stereochemistry of Organic Compounds; Symmetry and Group Theory	21-09-2013	Chemistry	Dr. U. Borah, Assistant Professor, Tezpur University and Dr. R. Kar, Assistant Professor, Dibrugarh University
2013	Physics of Stars	04-11-2013	Physics	Dr. S. N. Borah, Associate Professor & HOD, Dept. of Physics, DKD College, Dergaon
2014	Special Lecturer on Nano	29-03-2014	Chemistry	Dr. Bibek Jyoti Bora, Scientist, CSIR –NEIST, Jorhat and Mr. Kukil Saikia, CSIR-NEIST
2014	Training Programme on extraction of essential oils from plants	06-05-2014	Chemistry	Mr. Amar Jyoti Duarah, CSIR-NEIST, Jorhat
2014	departmental seminar on Mathematical Modelling	27-11-2010 & 09-05-2014	Mathematics	Dr. Krishna Gopal Sinha, Morioni
2013	Feminism: Issues and Concerns	8 th September, 2013	Political Science	Dr. A. Buragohain, HoD, Dept. Of Political Science, Dibrugarh University
2012	Workshop on Human Right Education	6 & 7 th September, 2012	Political Science	Dr. Noni Gopal Mahanta, Associate, Gauhati University and Dr. Bhrigu Nath Pandey, Dean, Faculty of Law, BHU
2012	Jorhat district Pol. Science Association Conference	18 th February, 2012	Political Science	Dr. J. Bora, Principal Teok CKB College

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the

quality of research and imbibe research culture on the campus?

So far 12.5% of faculty members have been given sabbatical leave under Faculty Improvement Program for higher studies i.e., M.Phil & Ph.D. Moreover, almost 100% of the faculty members have utilized sabbatical leave for participation in research related activities such as conference/ seminars/ workshops, field works, sample survey, use of analytical facilities in other institutes.

The faculty members have been highly motivated by their participation in different programmes under Faculty Improvement Programmes to undertake independent research projects like minor/ major research project funded by different funding agencies like UGC, DBT, DST etc. The improved quality of the research outcome from the faculty members can be easily discerned from the fact that they have been able to publish their research papers in different journals, recognized at the national and international levels. Besides, some faculty members have displayed their research experience in the form of book chapters/ books that have been widely recognized. Some of the faculty members have taken initiatives to organize conference/seminars on topics of contemporary relevance by inviting renowned resource persons from institutions of higher learning situated in different parts of India. The teachers who have already completed M.Phil/ Ph.D have engaged themselves in discussions with the junior teachers about the benefits of their research projects and at the same time have encouraged them to enrol and pursue Ph. D. research at an early age. It has been noticed that already a good number of young teachers have enrolled themselves in different universities in India for their Ph. D. research. One of the most significant contributions from the teachers who have completed their research programmes is that they have been able to motivate the advanced students in different disciplines to develop the habit of original thinking in the areas of their interest as well as the emerging areas of research.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

Some of the departments under the patronage of the Principal of the college have initiated several measures in creating awareness and transferring the findings of research to the students in particular and the greater community in general. Mention, in this regard, may be made of the collection of tea garden soil samples for the analysis of organic matters by the department of chemistry. The findings of this analysis have been shared with the students and tea planters and management.

In the humanities, Dr. B. C. Talukdar, Department of English has shared his experiences of research in the area of multiculturalism in the classroom and tried to imbibe the students with the noble ideals of multicultural inclusion

discarding all discriminatory practices on the basis of class, caste, religion & culture etc. Dr. Devaprotim Hazarika, Department of Assamese has been trying to create awareness among the students about the various aspects of *Bhasa* (Language) in which he has been awarded Ph.D. by Gauhati University. Dr. Bisakha Devi Das has taken initiatives in her classes to spread awareness among the students on the topic of her research “Government Schemes of Health and Educational Development for Scheduled Caste Women and Girls”. She has also been trying to create awareness about Health and Educational development in respect of women in general. Dr. Anjumoni Saikia, Department of Zoology has been actively involved in creating awareness and transferring findings of her studies through All India Radio/ Doordarshan. Her talks like *Bandarar Bibhinna Prajati*, *Luotapri Jalaj Prani Samuh*, *Banaria Jantur Nagarat Prabesh*, *Bayu Pradushan* have been of immense influence in creating awareness regarding the topics of her talks among the students in particular and the society in general.

3.2 Resource Mobilization for Research

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

The college does not have a specific budgetary provision for research work. But the authority provides financial assistant to every department for organizing departmental seminar by inviting external experts every year. It may be stated that the reference books in the library, chemicals, equipment and laboratories can be used for research by the teachers with due permission from the concerned authority.

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?

No

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

The new syllabi designed by Dibrugarh University include research projects in the last semester. In order to carry out the research projects, financial assistance is provided for project related works such as field survey, sample collection, chemicals & glassware, instrumentation facilities etc.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful

endeavors and challenges faced in organizing interdisciplinary research.

Recently established institutional biotech hub involves inter disciplinary research. The research activity of this biotech hub is being jointly carried out by a faculty member from the Department of Botany and another faculty member from the Department of Chemistry of the college.

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

The available equipment and research facilities of the institution are utilized to the maximum extent by the staff and students. We approach the nearby leading research institutes like CSIR-NEIST, IIT-G, TRI etc. when additional facilities are required for our research project. The available online resources have also been utilized for the purpose of research.

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.

Thengal Kachari Autonomous Council has provided a fund of Rs. 20,000 to Sampriti Women's Forum for carrying out research on the topic "Status of Women among Rural Thengal Kachari Tribal Society in Assam: A Case Study of Report on six villages of Titabar Sub-division in Jorhat district" and the project was successfully implemented. The project work was started on 24th January, 2008 and it was carried out by Mrs. Runumi Deka Mahanta and Dr. Malakshmi Dutta.

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.

In order to support the faculty in securing research funds from various funding agencies the institute has set up a Research Committee. The committee collects information regarding various funding agencies like UGC, DST, DBT etc. and circulate them among the staff members. The committee also scrutinizes the various project proposals to be submitted and make necessary corrections and other suggestions for modification if necessary. Details of the research project of the last four years are furnished in the following tables.

Minor Project

Sl	Name of	Title of the Project	Duration	Funding	Total Grant	Total
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No	the P.I.		(Year)		Agency			Grant Received till date
			From	To		Sanctioned	Received	
1	Dr Dilip Kumar Kalita	Studies on Cicada and Arachnid (Spiders) species in Gibban Wild life Sanctuary with Special reference to Biodiversity	2010	2012	UGC			
2	Dr. Bisakha Devi Das	Health and education among the scheduled caste women of Assam.	2011	2013	UGC	60,000/-	60,000/-	60,000/-
3	Dr. Anjumoni Saikia	Quantitative distribution of soil Arthropods in different eco system of Assam	2014	2015	UGC	85,000/-	70,000/-	
4	Gunaram Nath	Study on Internal Displacement due to Natural Factors in Majuli	2014	2016	UGC	2,80,000	1,87,500	
5	Joy Prakash Oza	Role of Self Help Group in Socio-Political & Economic Empowerment of Women in Assam with special reference Jorhat Dev. Block in Jorhat district	2014	2016	UGC	2,75,000	1,80,000	
6	Nirmal Jyoti Konwar	Management of the Temple of Upper Assam with special reference of Sivasagar and Sonipur district (from the 16 th century to the 20 th century)	2014	2016	UGC	2,70,000	1,90,000	
7	Rabindra Bordoloi	Autonomy Movement of Tiwa tribes in Assam and its impact on the Society	2014	2016	UGC	2,80,000	2,10,000	
8	Dr. Devoprotim Hazarika	Language of Modern Assamese Poetry: A Stylistic Analysis	2014	2016	UGC	1,12,000		
9	Dr. Mrinal Kumar Baruah	Synthesis, characterisation, magnetic behaviour and applications of Zinc Oxide and its transition metal doped nano particles	2014	2016	UGC	4,00,000	2,50,000	
10	Monikha Saikia	Status of Higher Education among ST of Jorhat district of Assam with special reference to Titabar Sub-division	2014	2016	UGC	2,40,000		
11	Dr. Malakhmi Dutta	Studies on Medicinal Flora of Gibbon Wild Life Sanctuary	2014	2016	UGC	3,55,000		

Major Project

Sl. No.	Name of the P.I.	Title of the Project	Duration (Year)		Funding Agency	Total Grant		Total Grant Received till date
			From	To		Sanctioned	Received	
1	Dr. Suresh Ch. Rajkhowa	Biotech Hub	2013	2016	DBT	36.5 lakh	26.5 lakh	26.5 lakh
2	Dr. Hemen Sarma	Development of Plant Microbial Consotia for Removal of heavy metal and polycyclic aromatic hydrocarbon contaminated oil field of Assam	2014	2017	DBT	43.56 lakh	15.56 lakh	15.56 lakh
3	Dr. Partha Pratim Saikia	In situ generation of cyanide from novel non-toxic source: Application in a few important C-C bond forming reaction and possible extension to the synthesis of bioactive natural products	2013	2016	DST	23 lakh	11.5 lakh	

3.3 Research Facilities

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

The institute has minimum research facilities like laboratory, glassware, uninterrupted power supply, running water, furniture, computer with printer, minor tools and equipment etc. The college has a good library with e-resources (INFLIBNET), research journals, reference books etc. The library has a specious reading room for the convenience of the researchers. Moreover, the college provides internet connectivity during the working hours.

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 primary institutional strategy for upgrading and creating infrastructural facilities to meet the needs for carrying out research in emerging areas is to encourage the staff members to submit research project proposals to different funding agencies. Speedy and timely construction of laboratories for the sanctioned major research projects and quick release of the funds for the purchase of equipment and furniture are some steps and strategies of the college in this regard. The institute also aims to enrich the

library by subscribing to more number of research journals and periodicals and purchase of more reference books, books of recent editions etc. The faculty members are also encouraged to increase linkages with academic peers/ researchers so that they can improve/ share/ collect knowledge and information in the emerging areas.

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 college has received funds from Thengal Kachari Autonomous Council (TKAC) for renovation and enlargement of the science building and laboratories. The institution has also received financial assistance for setting up of an institutional biotech hub from Department of Biotechnology, Govt. of India. With the help of the grant a well equipped laboratory has been constructed attached to the Department of Botany. We also received assistance from the MP fund with the help which a spacious study room of the central library has been constructed. The institution had received a research grant on 24th January, 2008 from Thengal Kachari Autonomous Council for carrying out research on the topic "Status of Women among Rural Thengal Kachari Tribal Society in Assam: A Case Study on Six Villages of Titabar Sub-division in Jorhat District" to Sampriti Women's Forum. They provided a fund of amount of Rs. 20,000 and the project was successfully carried out by Mrs. Runumi Deka Mahanta & Dr. Maalakshmi Dutta. Since this project involved field work, the fund supported the specific needs of a research project based on survey rather than creation of research facility in the campus.

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

The necessary facilities required to carry out research work by students and staff are arranged for them at the research organizations like CSIR-NEIST, IIT-Guwahati, Tocklai Tea Research Institute, Tezpur University etc. in the state. The facilities of Infrared Spectroscopy, X-Ray Diffraction, Thermogravimetric Analysis, CHN Analyser were arranged at CSIR-NEIST. Tocklai Tea Research Institute offered the facility of Atomic Absorption Spectrometer to the students at the request of the institute. The IIT (Guwahati) allowed to use the facilities of Scanning Electron Microscope, Field Energy Scanning Electron Microscope, EDX, Magnetic Behaviour Instrument etc. to the students at the request of the college authority. Tezpur University permitted the use of its central library to our students.

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

The institute's central and departmental library offer considerable e-resources. INFLIBNET facility has been subscribed and around 6000 e-journals and 97000 e-books can be access for the purpose of research. In addition to these, the institute subscribes a few quality research journals for the benefit of the students and researchers. Some of the teaching departments also subscribe research magazine on regular basis for the purposes of teaching and research. The institutional biotech hub is also devoted to carrying out research in the institute.

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

Recently, a DBT Twinning Project has been sanctioned by Department of Bio Technology, Govt. of India. The research under will be carried out in collaboration with Hyderabad Central University. The laboratory has been set up and the research work will start very soon.

3.4 Research Publications and Awards

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

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

The research project sponsored by Thengal Kachari Autonomous Council on "Status of Women among Rural Thengal Kachari Tribal Kachari in Assam: A Case Study on Six Villages of Titabar Sub-division in Jorhat District" benefited the women section of the Thengal Kachari community of the selected villages for the study in terms of awareness about some basic concerns and social justice for women.

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

The institute publishes a research journal with the help of Assamese Department named "*Navonmesh: A Research Journal on Language, Literature and Culture*" with ISSN 2321-9521.

The journal is brought out by Department of Assamese, NNS College. The composition of the editorial body is as follows:

Editor: Dr. Devaprotim Hazarika
 Advisor: Prof. Dipti Phukan Patgiri, Ph. D, D. Lit.
 Dean Faculty of Arts, Gauhati University, Guwahati
 Dr. Satyakam Barthakur, Associate Professor
 Department of Assamese, Dibrugarh University, Dibrugarh
 Mr. Tridiba Gogoi, HoD, Assamese, N N Saikia College
 Members: Mrs. Snigdha Rani Rabha
 Mrs. Mrinali Kagyung
 Mrs. Bornali Saikia
 Mrs. Nijumoni Bonia

The journal is not listed till date in any International database.

3.4.3 Give details of publications by the faculty and students:

- * Publication per faculty
- * Number of papers published by faculty and students in peer reviewed journals (national / international)
- * Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- * Monographs
- * Chapter in Books
- * Books Edited
- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index
- * SNIP
- * SJR
- * Impact factor
- * h-index

Research papers published in national and international journals

19 faculty members have published 92 research papers in national and international journals in the last four academic years.

Name of the Faculty	Paper		
	Title of the Paper	Name of the Journal with ISSN	Year of Pub
Dr. Mrinal Kumar Boruah	A fluoride zonation map of the Karbianglong District, Assam, India	Fluoride (New Zealand), 2010, Vol.43, pp. 113-115, ISSN 0015-4725	2010
	Effect of nanoparticles on the structural changes of	J. Mater. Environ. Sci. 5 (3) (2014) 711-714	2014

	char prepared by non-isothermal treatment of Assam coal (India) in nitrogen atmosphere	Baruah et al. ISSN : 2028-2508	
	Geochemical association of Ni ²⁺ , Zn ²⁺ , Pb ²⁺ , Ag ⁺ , Cu ²⁺ and Co ²⁺ ions in natural pyrite	Journal of Geochem, ISSN:2314-5803, pp. 1-20, 2014	2014
Gunaram Nath	Human induced threat to biodiversity in North-East India with special reference to Majuli, 2012, pp 15-24.	International Journal of Basic Science and Social Science, E-ISSN-2319-2968, Vol. 1, No. 1	2012
	Peoples participation in rural re-constitution	Modhukoree, Annual Magazine, ACTA, Jorhat Zone, ISBN-978-93-82030-096, Vol.1, pp. 63-71	2012
Dr Mira Choudhury	MHD Natural Convection from a Heated Vertical Wavy Surface with Variable Viscosity and Thermal Conductivity.	International Journal of Dynamics of Fluids, Vol. 7, No.2 , pp. 189-201, 2011. ISSN 0973-1784	2011
	The Effects of Variable Viscosity and Thermal Conductivity on MHD Oscillatory Free Convective Flow Past a Vertical Plate in Slip Flow Regime with Variable Suction and Periodic Plate Temperature.	Journal of Applied Fluid Mechanics, Vol. 6, No. 2, pp. 277-283, 2013, ISSN 1735-3572, EISSN 1735-3645	2013
	Effect of Temperature Dependent Viscosity and Thermal Conductivity on Unsteady MHD Natural Convection in a Porous Medium between two layer vertical wavy walls	International Journal of Engineering & Technology, ISSN 2278-0, Vol. 2, No. 12, pp. 62-69	2013
Jayanta Kumar Sarma	<i>Sishu Sikshar Bikash Aru Pratyahban</i>	Paybhora November 2012, ISSN 0971-8371, pp 16-18	2012
	<i>Bharatat Khadya Nirapatta Bidheyakar</i>	Paybhora December, 2013, ISSN 0971-8371,	2013

	<i>Lakshya Aru Saphalata</i>	pp 56-57	
	<i>Sankatat Bharatar Swasthya Khanda Aru Achanir Saphalata</i>	Paybhora February, 2014, ISSN 0971-8371, pp 40-44	2014
	<i>Bharat-Bangladesh Antarastriya Sima Samashya Aru Bhumi Hastantar Chukti</i>	Prantik, ISSN 0971-5932, February, 2014, pp. 13-14	2014
	<i>Uttar Purbanchalar Bhu-Rajanaitik Samashya</i>	Prantik, ISSN 0971-5932, April, 2014, pp. 13-14	2014
	<i>Krishir Bisesh Prasangare Bharatiya Arthanitir Bikash Aru Pratyashya</i>	Paybhora April, 2014, ISSN 0971-8371, pp 33-34	2014
Dr Bisakha Devi Das	Role of government policy in the development of women education . pp 7-9	Indian journal of social science and sciences, ISSN-2231-2447, Vol. 2, Issue 1, 2011, pp. 7-8	2011
	Health status of schedule caste women in Assam	Pragyan, ISSN-0976-4283, Vol. IX, Issue 1, pp. 56-58	2011
	A profile of the schedule caste community of Assam,	Sikshajyoti, ISBN-978-81-924156-4-2, Vol. 1, No. 1, 2012, pp 65-67	2012
Mrs Snigdha Rani Rabha	Asomia Bhasaloi Ana Aryar Abadan: Ati Alosana	‘NAVONMESH’, Research Journal On Language, Literature & Culture, Editor: Dr. Devaprotim Hazarika, ISSN 2321-9521, Vol. 1, pp. 15-25	2013
	Rabha Janagosthir Saj-par Aru Aa-Alonkar: Eti Alochana	Madhukori, Published by ACTA, Jorhat Zone, ISSN 2321-189X, Vol. II, pp. 113-119	2013
Mrs Mrinali Kagyung	Assamiya Bhasa-Sahityaloi Misingsakalar Abadan.	Asam Sahitya Sabha Patrika, Vol. 4, pp. 244-252	2010
	Mahapurisar Borgeet : Eti Alochana.	NAVONMESH’ Research Journal On Language, Literature & Culture, Editor: Dr. Devaprotim Hazarika,	2013

		ISSN 2321-9521, Vol. 1, pp. 26-39, 2013	
	Loka Utsav: Ali Aye Ligang.	‘Madhukaree’ An Academic Journal of ACTA Jorhat Zone, Dr. Nilima Bora, Annual Journal, ISSN 2321-189X, Vol. II, pp. 99-107	2013
	Mising Samajar Arthanity.	Bartapakhilee, Bhasa-Sahitya-Sanskritir Purnanga Aluchanee, ISSN 2249-9865, Vol. 19, No. 5, pp. 146-148	2013
	Mising Nittomor Eti Aluchana.	Assam College Teachers Association Journal, Vol. XXXV, pp. 91-99	2013
	Ananda Chandra Baruar Kabya Baichitya	Bartapakhili, ISSN 2249-9865, Vol. 19, No. 7, pp. 288-291	2014
Bhuban Chandra Talukdar	Notions and Nuances of Identity: A Reading of Shashi Tharoor’s <i>Riot</i>	Prajna, Journal of the Banaras Hindu University, ISSN 0554-9884, Vol. 59, No. 02, pp. 172-176	2013
	Mapping Facets of (Mis) Recognition in the Multicultural World: Kiran Desai’s <i>The Inheritance of Loss</i> in Context	Apurva, Research Journal, Faculty of Arts, Banaras Hindu University, ISSN 0975-5780, Vo. 18, pp. 224-232	2013
Mrs Bornali Saikia	PadmaNath Gohain Baruar Sarthak Sristi ‘GAONBURHA’: Eti Aluchana	‘NAVONMESH’, Research Journal On Language, Literature & Culture, Editor: Dr. Devaprotim Hazarika, ISSN 2321-9521, Vol. 1, pp. 40-53	2013
Dr. Devaprotim Hazarika	Ashir Parawarti Asamiya Byakaran Charcha, pp107-113	Asam Sahitya Sabha Patrika, ISSN	2011
	Asamiya aru Bhojpuri Bhasar Dhanittva: Eti	Swarnalipi, ISSN 2231-0517	2011

	Adhayayan, pp		
	<i>Dr. Diponkar Moralar Bhasa Chinta aru Asamiya Bhasar Upabhasa Charcha</i>	<i>Annvesan</i> , Journal of department of Assamese, Gauhati University, ISSN 2250-2475, Vol. 8, pp. 01-07	2011
	Samprotik Asamiya Kabita: Eti Alochana (1990 r para 2012 loi)	Ninad, ISSN 2249-5142	2012
	<i>Asamiya Bhasar Nrigosthiya Upabhasar Samaj-Bhasabojnanik Adhayayanar Dhara</i>	<i>Prantaswar</i> , Published by North-East India Network for Academic Discourse, ISSN 2231-6760, Vol. 2, No. 1, pp. 73-84	2012
	<i>Banikanta Kakotir Gaweshana granthar Asamiya Anubad Prasanga</i>	<i>Satsari</i> , ISSN 2319-8893, Vol. 8, No. 3, pp. 48-51	2012
	<i>Asamiya Bhasar Upabhasa Bishyak Charcha (1950-2010)</i>	NAVONMESH' Research Journal On Language, Literature & Culture, ISSN 2321-9521, Vol. 1, pp. 55-66, 2013	2013
Dr Nazim Forid Islam	Study of fungi associated with decomposition of rice stubbles and their role in degradation of lignin and holocellulose	Mycosphere, DOI 10.5943/microsphere/2/6/3, Vol. 2, No. 6, pp. 627-635	2011
	Screening of mycota associated with <i>Aijung</i> rice seed and their effects on seed germination and seeding vigour	Plant Pathology & Quarantine, DOI 10.5943/ppq/2/1/11, Vol. 2, No. 1, pp. 75-85	2012
Mrs Anindita Das	Celebration of Violence in N. F. Simpson's One Way Pendulum and The Form	IOSR Journal of Humanitie and Science, e-ISSN: 2279-083, and p-ISSN: 2279-084 Vol. 13, No. 3, pp. 35-38	2013
	Manifestation of Violence in N.F. Simpson's One Way Pendulum and The Form	Sanghati, A Quarterly Research Journal on Literature, Culture and Social Science, ISSN 2319-7366, pp. 91-95	2013

	Self-paraody and Self-reflexivity in Norman Frederick Simpson\'s A Resounding Tinkle	IOSR Journal of Humanities and Social Science, e-ISSN 2279-0837, p-ISSN 2279-0845, Vol. 19, No. 1	2014
Dr Dusmanta Kumar Sut	Casson Fluid Model For Pulsatile Flow of Blood Under Velocity Slip condition in presence of Magnetic Effect	Journal of Indian Academy of Mathematics, Volume 32, No. 1, pp. 59-68 (2010) (Jointly with G. C. Hazarika)	2010
	A New Approach to the Theory of Soft Sets	International Journal of Computer Applications, ISSN 0975-8887, Volume 32, No. 2, pp. 1-6 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	An Application of Fuzzy Soft Sets in Decision Making Problems Using Fuzzy Soft Matrices	International Journal of Mathematical Archieve, ISSN 2229-5046, Volume 2, No. 11, pp. 2258-2263 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	An Application of Fuzzy Soft Sets in Medical Diagnosis using Fuzzy Soft Complement	International Journal of Computer Applications, ISSN 0975 – 8887, Volume 33, No. 9, pp. 30-33 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	Complement of an Extended Fuzzy Set	International Journal of Computer Applications, ISSN 0975–8887, ISSN 0975 -8887, Volume 29, No. 3, pp. 39-45 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	Generalized Union and Intersection of Fuzzy Soft Sets	International Journal of Mathematics Trends and Technology, ISSN 2231-5373, Volume 2, No. 2, pp. 11-14 (2011) (Jointly	2011

		with Chandana Goswami, Tridiv Jyoti Neog)	
	On Union and Intersection of Fuzzy Soft Set	International Journal of Computer Technology and Application, ISSN 2229-6093, Volume 2, No. 5, pp. 1160-1176 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	Theory of Fuzzy Soft Sets from a New Perspective	International Journal of Latest Trends in Computing, ISSN 2045-5364, Volume 2, No. 3, pp. 439-450 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	Union and Intersection of Fuzzy Sets and Fuzzy Soft Sets: A Generalized Approach	International Journal of Mathematical Archieve, ISSN 2229-5046, Volume 2, No. 10, pp. 1953-1962 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	Union and Intersection of Fuzzy Soft Sets	Indian Journal of Social Science and Sciences, ISSN 2231-2447, Volume 1, No. 2, pp. 244-246 (2011) (Jointly with Chandana Goswami)	2011
	Analysis of Pulsatile Flow of Blood in a Porous Channel under Effect of Magnetic Field	International Journal of Computer Technology & Applications, ISSN 2229-6093, Volume 2, No. 6, pp. 2001-2014 (2011) (Jointly with Mitali Sarma)	2011
	Blood Flow in Channels with Permeable Boundaries in Presence of Applied Magnetic Field	Indian Journal of Social Science and Sciences, ISSN 2231-2447, Volume 1, No. 2, pp. 125-129 (2011) (Jointly with Mitali Sarma)	2011
	Casson Fluid Model for Blood Flow with velocity	Journal of Indian Academy of	

	in presence of Magnetic Effect Casson Fluid Model for Blood Flow with velocity in presence of Magnetic Effect	Mathematics, ISSN 0970-5120, Accepted (Jointly with G. C. Hazarika)	
	Effect of Applied Magnetic Field on Pulsatile Flow of Blood in a Porous Channel	International Journal of Computer Technology & Applications, ISSN 2229-6093, Volume 2, No. 6, pp. 1779-1785 (2011) (Jointly with Sarfraz Ahmed)	2011
	Effect of Magnetic Field on Pulsatile Flow of Blood in a Porous Channel	International Journal of Mathematical Archive, ISSN 2229-5046, Volume 2, No. 11, pp. 2251-2257 (2011) (Jointly with G. C. Hazarika)	2011
	Poiseuille Flow of Power-Law Fluid Model for Blood with Velocity Slip in Presence of Magnetic Effect	Journal of Indian Academy of Mathematics, ISSN 0970-5120, Volume 33, No. 1, pp. 321-330 (2011) (Jointly with G. C. Hazarika)	2011
	Study the Effect of Variable Viscosity and Thermal Conductivity of Micropolar Fluid in a Porous Channel Study the Effect of Variable Viscosity and Thermal Conductivity of Micropolar Fluid in a Porous Channel	International Journal of Computer Technology & Applications, ISSN 2229-6093, Volume 2, No. 5, pp. 1247-1255 (2011) (Jointly with Gitima Patowary)	2011
	Study the Effect of Variable Viscosity and Thermal Conductivity of Micropolar Fluid past a Continuously Moving Plate with Suction or Injection in Presence of Magnetic Field	International Journal of Mathematics Trends and Technology, ISSN 2231-5373, Volume 2, No. 2, pp. 32-36 (2011) (Jointly with Gitima Patowary)	2011
	Study the Micropolar Fluid Flow near the	International Journal of Computer Technology &	2011

	Stagnation on a Vertical Plate with Prescribed Wall Heat Flux Study the Micropolar Fluid Flow near the Stagnation on a Vertical Plate with Prescribed Wall Heat Flux	Applications, ISSN 2229-6093, Volume 2, No. 6, pp. 1768-1778 (2011) (Jointly with Gitima Patowary)	
	Implementation of Core Banking Systems (CBS) in the Banks: Special Reference to Sivasagar District	Indian Journal of Social Science and Sciences, ISSN 2231-2447, Volume 1, No. 1, pp. 73-77 (2011) (Jointly with Mrinal Dutta)	2011
	Implementation of Internet Banking in the Banks: Special Reference to Sivasagar District	Indian Journal of Social Science and Sciences, ISSN 2231-2447, Volume 1, No. 1, pp. 95-98 (2011) (Jointly with Mrinal Dutta)	2011
	An Application of Extended Notion of Similarity of Generalized Fuzzy Soft Sets In Medical Diagnosis	International Journal of Mathematical Archieve, ISSN 2229-5046, Volume 3, No. 3, pp. 939-948 (2012) (Jointly with Tridiv Jyoti Neog)	2012
	An application of Fuzzy Soft Relation in Decision Making Problems	International Journal of Mathematics Trends and Technology, ISSN 2231-5373, Volume 3, No. 2, pp. 50-53 (2012)	2012
	An Application of Similarity of Fuzzy Soft Sets in Decision Making	International Journal of Computer Technology & Applications, ISSN 2229-6093, Volume 3, Issue 2, pp. 742-745 (2012)	2012
	An Extended Approach To Generelized Fuzzy Soft Sets	International Journal of Energy, Information and Communications, ISSN 2093-9655, Volume 3, No. 2, pp. 1-16 (2012) (Jointly with Tridiv Jyoti Neog)	2012
	An Introduction to the Theory of Imprecise Soft	I. J. Intelligent Systems and Applications, ISSN	2012

	Sets	1927-5307, Volume 11, pp. 75-83 (2012) (Jointly with Tridiv Jyoti Neog)	
	Application of Generalized Fuzzy Soft Sets in Teaching Evaluation Application of Generalized Fuzzy Soft Sets in Teaching Evaluation	International Journal of Latest Trends in Computing, ISSN 2045-5364, Volume 3, No. 1, pp. 25-29 (2012) (Jointly with Manash Jyoti Bora, Tridiv Jyoti Neog)	2012
	A Study on Some Operations of Fuzzy Soft Sets A Study on Some Operations of Fuzzy Soft Sets	International Journal of Modern Engineering Research (IJMER), ISSN 2249-6645, Volume 2, No. 2, pp. 219-225 (2012) (Jointly with Manash Jyoti Bora, Tridiv Jyoti Neog)	2012
	Fuzzy Soft Matrix Theory And Its Decision Making Fuzzy Soft Matrix Theory And Its Decision Making	International Journal of Modern Engineering Research (IJMER), ISSN 2249-6645, Volume 2, No. 2, pp. 121-127 (2012) (Jointly with Manash Jyoti Bora, Tridiv Jyoti Neog)	2012
	Fuzzy Soft Relation: A New Approach	International Journal of Mathematical Science & Engineering Applications (IJMSEA), ISSN 0973-9424, Volume 6, No. 1, pp. 1-12 (2012) (Jointly with Chandana Goswami, Tridiv Jyoti Neog)	2012
	Fuzzy Soft Topological Spaces	International Journal of Latest Trend in Mathematics, ISSN 2049-2561, Volume 2, No. 1, pp. 54-67 (2012) (Jointly with Tridiv Jyoti Neog, G. C. Hazarika)	2012
	On Fuzzy Soft Complement and Related	International Journal of Energy, Information and	2012

	Properties	Communications, ISSN 2093-9655, Volume 3, No. 1, pp. 23-33 (2012) (Jointly with Tridiv Jyoti Neog)	
	On Fuzzy Soft Matrix Theory On Fuzzy Soft Matrix Theory	International Journal of Mathematical Archive, ISSN 2229-5046, Volume 3, No. 2, pp. 1-10 (2012) (Jointly with Tridiv Jyoti Neog, Monoj Bora)	2012
	On Generalized Intuitionistic Fuzzy Soft Sets On Generalized Intuitionistic Fuzzy Soft Sets	Journal of Mathematical and Computational Science, ISSN 1927-5307, Volume 2, No. 4, pp. (2012) (Jointly with Monoj Bora, Tridiv Jyoti Neog)	2012
	On Soft Multisets Theory	International Journal of Advanced Computer and Mathematical Sciences, ISSN 2230-9624, Volume 3, Issue 3, pp. 295-304 (2012) (Jointly with Tridiv Jyoti Neog)	2012
	Relations on Fuzzy Soft Set	Journal of Mathematical and Computational Science, ISSN 1927-5307, Volume 2, No. 3, pp. 515-534 (2012) (Jointly with Manash Jyoti Bora, Tridiv Jyoti Neog)	2012
	Some New Operations of Fuzzy Soft Sets	Journal of Mathematical and Computational Science, ISSN 1927-5307, Volume 2, No. 5, pp. 1186-1199 (2012) (Jointly with Tridiv Jyoti Neog)	2012
	Some New Operations of Intuitionistic Fuzzy Soft Sets	International Journal of Soft Computing and Engineering (IJSCE), ISSN 2231-2307, Volume 2, Issue 4, pp	2012

		21-26, (2012) (Jointly with Monoj Bora, Tridiv Jyoti Neog)	
	Some Results on Generalized Fuzzy Soft Sets	International Journal of Computer Technology & Applications, ISSN 2229-6093, Volume 3, No. 2, pp. 583-591(2012) (Jointly with Manash Jyoti Bora, Tridiv Jyoti Neog)	2012
	Some Results on Intuitionistic Fuzzy Soft Sets	International Journal of Mathematics Trends and Technology, ISSN 2231-5373, Volume 3, No. 2, pp. 63-69 (2012) (Jointly with Monoj Bora, Tridiv Jyoti Neog)	2012
	Study of Blood Flow with Effects of Slip in Arterial Stenosis due to Presence of Transverse Magnetic Field	International Journal of Mathematical Archieve, ISSN 2229-5046, Volume 3, No. 3, pp. 983-999	2012
	Intuitionistic fuzzy soft matrix theory and its application in medical diagnosis	Annals of Fuzzy Mathematics and Informatics, ISSN 2287-6235, Volume 7, No. 1, pp. 143-153 (2014) (Jointly with Monoj Bora, Tridiv Jyoti Neog)	2014
	Topological Structure of Imprecise soft set	Annals of Fuzzy Mathematics and Informatics, ISSN 2287-6235 (2014), Accepted (Jointly with Tridiv Jyoti Neog)	2014
Dr. Partha Protim Saikia	A solvent-free method for the direct synthesis of Cbz-protected α -amino ketones using triphenylphosphine dibromide (Jointly with P. Buragohain, P. P. Saikia, N. C. Barua)	Tetrahedron Letters 54, 2013, 3562-3564, ISSN: 0040-4039	2013
	Synthesis of a novel series of highly functionalized	Tetrahedron Letters 54, 2013, 4221-4224, ISSN:	2013

	Baylis–Hillman adducts of artemisinin with potent anticancer activity A. Goswami, P. P. Saikia, B. Saikia, N. C. Barua, A. K. Saxena, N. Suri, M. Sharma, G. Baishya	0040-4039	
	Effect of nanoparticles on the structural changes of char prepared by non-isothermal treatment of Assam coal (India) in nitrogen atmosphere	J. Mater. Environ. Sci. 5 (3), pp. 711-714, ISSN 2028-2508	2014
Dr Hemen Sarma	Spacing and Irrigation effect on herbage yield and essential oil content of Mentha citrate Ehrh	Journal of Environmental Science and technology, ISSN 1994-7887, Vol. 7, No. 1, pp. 84-89	2014
	Conservation Crisis of the Greater One Horned Rhino	Research Journal of Forestry, ISSN 1819-3439, Vol. 8, No. 1, pp. 32-33	2014
Mrs Nijumoni Bonia	Assomar Mrit Shilpo	NAVONMESH' Research Journal On Language, Literature & Culture, ISSN 2321-9521, Vol. 1, pp. 67-78	2013
Mrs Kannaki Konwar	Health Care Services of Tea Garden Workers: A case study of Tinsukia district	ECOHIST, Journal of Economics and History, Volume IV, 2012-13, Pages 70-78 ISSN 2278-9332, Society of Economics and History, H.P.B. Girls College, Golaghat, Assam	2013
Mrs Mitali Chetia	Ultrastructural and Biochemical alterations in rats exposed to crude extract of Carex baccans and Potentilla fulgens	Microscopy and Microanalysis ISSN 1431-9276 OCL 43185372	2014

Articles published in proceedings of seminars organised by different institutions

Seven Faculty members of the college have published seventeen research articles in proceeding volumes of different International, National and State level seminars in the last four academic years.

Name of the Faculty	Paper		
	Title of the Paper published in Proceeding Volumes	Name of the Proceeding with ISBN	Year of Pub
Mrs Mrinali Kagyung	Misingsakalar Prabajan aru Atmikaran	Proceeding volume of the National Seminar on Migration and Assimilation, Society, Economy, Politics of Assam. ISBN 178-81-89654-19-1(HB)	2010
	Gramanchal Unnayonat Janajatiya Narir Abadan.	Proceeding volume of the National Seminar on Women Issues and Development in Indian Perspectives, Editor: Rashmi Rekha Saikia, ISBN 978-93-5104-434-5, pp. 336-342	2013
	Misingsakalar Sajpar: Parampara aru Paribartan	Proceeding volume of the National Seminar on Uttar-Pub Bharator Loka-Sanskriti, Published by Asian View Dot Net, Sonari College, ISBN 978-81-925499-5-8, pp. 396-405	2013
Dr. Budhindranath Saikia	Theoretical investigation of self focusing of intense laser radiation using critical non linear Schrödinger equation	Proceedings of National Conference on Physical Sciences, Published by DHSK College, Dibrugarh, ISBN 978-93-82746-02-7, pp. 192-199	2013
Dr. Lakhiram Khanikar	Effect of ultra short pulse widths on soft x-ray laser gain	Proceedings of National Conference on Physical Sciences, Published by DHSK College, Dibrugarh, ISBN 978-93-82746-02-7, pp. 120-123	2013
Gunaram Nath	Role of PRIs in creating awareness among rural people: A case study	Dimensions of Rural Development in North-East India: A Critical Study,	2012

		ISBN 978-93-81694-14-5, pp. 134-150	
	Problems and Prospects of rural tourism in North-Eastern region with special reference to Majuli, 2012	Crafts and Culture in North-East India, ISBN 978-81-922338-7-1, pp. 154-167	2012
Joyprakash Oza	Apong: A mirror of racial entity of Mishings and its impact on their social and economic life	Problematics on Ethnicity, Identity & Literature, the Pre-Conference Proceeding volume, ISEIL, Editor: Dr. Anooradha Chakrabarty Borua & Dr. Hemanta Kr. Nath, ISBN: 978-81-924140-5-1, pp.718-720	2012
Rabindra Bordoloi	Gandhiji's Views on Non-violence and its Relevance in The Present Day Context	Gandhian Thought and its Relevance in the Age of Globalisation, Proceeding Book of UGC Sponsored National Seminar, Editor: Dr. Dhiren Tamuli, ISSN 978-81-924389-8-6, pp. 184-190	
	Urbanization in Assam and its Impact in the Society.	Urbanization and its Impact in Today's World with Special Reference to North-East India, a book published by C.K.B. Commerce College, Jorhat, 2012.	2012
Nirmal Jyoti Konwar	Ahom Royal Temple Policy and its Supervisory Machinery.	Souvenir, 28 th proceeding volume of NEIHA annual Conference, 2010.	2010
	'The Relevance of Mahatma Gandhi's Educational Philosophy for the 21 st Century'	Relevance of Gandhian Philosophy in Contemporary India, Editor: Krisna Kanta Handique, ISBN: 978-81922338-0-2, pp. 142-148	2011
	Tourism of Assam: Problems and Prospects'	Government schemes in North East India: Policy Implementation and Evaluation, Editor: Paranan Konwar, ISBN: 978-81-	2012

		924415-1-1, pp. 93-97	
	Apong: A mirror of racial entity of Mishings and its impact on their social and economic life'	Problematics on Ethnicity, Identity & Literature, the Pre-Conference Proceeding volume, ISEIL, Editor: Dr. Anooradha Chakrabarty Borua & Dr. Hemanta Kr. Nath, ISBN: 978-81-924140-5-1, pp.718-720	2012
	Economic thought of Mahatma Gandhi and its relevance in the age of Globalisation	Gandhian Thought and its Relevance in the Age of Globalisation, Editor: Dr. Dhiren Tamuly, ISBN 978-81-924389-8-6, pp. 147-151	2013

Chapters in Edited Books

Book chapters written by fourteen faculty members have been published in edited books the last four academic years. Details are given in the table below:

Name of the Faculty	Chapter in Books		
	Title of the Chapter with page no.	Name of the Book with ISBN	Year of Pub
Gunaram Nath	Feminist movement in global context with reference to India versus crime against women	Prospects of Politics and Society, ISBN-978-93-82030-20-1, pp. 28-41	2012
Bisakha Devi Das	Women empowerment through entrepreneurship, pp 196-202.	Prospects of Politics and Society, ISBN-978-93-82030-20-1	2012
Jayanta Kumar Sarma	<i>Ek Bhu-Rajanaitik Samashya Bharat Bangladesh Antarasriya Sima Samashya</i>	Prospect of Politics and Society, ISBN: 978-93-82030-20-1, ISBN 978-93-82030-20-1, pp. 177-183	2012
Joy Prakash Oza	Terrorism and Violation of Human Rights in Assam	Prospects of Politics and Society. Ed. Joy Prakash Oza. Unika Prakashan: Jorhat. pp. 83-90, ISBN 978-93-82030-20-1	2012
Dr. Jonali Saikia Borkakoty	Rural Ecosystem Degradations and Poverty in Jorhat District	Prospects of Politics and Society. Ed. Joy Prakash Oza. Unika Prakashan:	2012

		Jorhat. pp. 83-90, ISBN 978-93-82030-20-1	
Mrs Snigdha Rani Rabha	Asomia Bhasat Tirbat Barmi Prabhab	Banikanta Kakoti Prjnya Aru Protibha, Editor: Dr. Dipali Bora	2013
Mrs Mrinali Kagyung	Tulanamulak Sahityat Anubadar Bhumika,	Literary Translation, Editor: P. P. Bora & J. Nath, ISBN 978-93-81689-58-5, pp. 139-146	2013
	Prak-Romantic Stor	Adhunik Assamiya Sahityar Parichay, Editor: Dipen Nath, ISBN 978-93-81784-36-5, pp. 50-73	2013
Bhuban Chandra Talukdar	Welding Multiple Cultures: A Study of Kunal Basu's Select Short Stories from Multicultural Perspective	Contemporary Social Realities in Indian English Fiction of Post 1980's, Published by Bharti Publications, ISBN 978-93-81212-32-5, pp. 14-21	2013
Dr. Devaprotim Hazarika	<i>Upabhasa Bhogol aru Asamiya Bhasar Upabhasa Adhayayan</i>	Upabhasa Aru Asamar Upabhasa	2010
	<i>Mamoni Raisam Goswami's Upanyas " Tez Aru Dhulire Dhusarita Pristha" Pp</i>	Mamoni raisam Goswami: Jivan Aru Sahitya ISBN 13-978-93-82164-10-4	2012
	<i>Nagendra Nath Choudhurir Galpa "Bhag Botowara" eti Parjyalochana, Pp 16-21</i>	Asamiya Chutigalpar Alochanana ISBN 978-73-81859-09-04	2012
	<i>Sahitya: Samajniti Bonam Rajniti, pp 312-322</i>	Prospects and Politics and Society ISBN 978-93-82030-20-1	2012
	Asamiya Sahityar Bikasat Sangbad Patra Ary alochanir Bhumika, Pp 152-163	Asamiya bhasa Sahityar Jilingani ISBN 978-81-910937-9-7	2012
	Kakborak Bhasa	Asamar Bhasa ISBN	2013
Anindita Das	Dramatic Mimesis of Human Condition in N. F.	Prospect of Politics and Society, ISBN: 978-93-	

	Simpson's Works	82030-20-1, ISBN 978-93-82030-20-1, pp. 253-262	
Nirmal Jyoti Konwar	Terrorism and Violation of Human Rights in Assam'	<i>Prospect of Politics and Society</i> , Joy Prakash Oza (ed.), Jorhat, 2012, pp.83-90, ISBN 978-93-82030-20-1	2012
	Gandhiji's Approach to Rural Industrialisation	Gandhi and His Philosophy, Editor: Dr. Dipen Saikia & Deba Kumar Datta, Dhemaji, ISBN: 978-81-923294-1-3, pp. 350-356	2013
Rabindra Bordoloi	Deforestation in Assam and its impact on Environment: A Study on Kaki Reserved Forest Villagers	Environmental Awareness: A Great Challenge to control Environmental Pollution, ISBN: 978-81-921869-6-2	2011
	Autonomy Movement of Tiwa Tribe in Assam	<i>Prospect of Politics and Society</i> , Editor: Joy Prakash Oza, Jorhat, ISBN 978-93-82030-20-1, pp. 83-90	2012
	Gandhiji's Approach to Revival of Economic Life in Rural India	Gandhi and His Philosophy, Editor: Dr. Dipen Saikia & Deba Kumar Datta, Dhemaji, ISBN: 978-81-923294-1-3, pp. 342-349	2013
	Gandhian Approach on Communal Harmony and it's Relevance in the Present day Context.	A Study on Gandhian Philosophy, Editor: Dr. Krishna Jyoti Handique, ISBN: 978-81-921869-5-5, pp. 298-308	2011
Gitanjali Gogoi	Countering Conrad: A Reading of Chinua Achebe's Things Fall Apart	Prospects of Politics and Society. Ed. Joy Prakash Oza. Unika Prakashan: Jorhat. pp. 239-252, ISBN 978-93-82030-20-1	2012
Konnaki Konwar	Evaluation of 'MGNREGA' Towards Protecting Human Rights	Prospects of Politics and Society. Ed. Joy Prakash Oza. Unika Prakashan:	2012

	in Upper Assam- A Case Study of Golaghat and Dhemaji Districts	Jorhat. pp. 226-238, ISBN 978-93-82030-20-1	
	Gandhi and Post Liberalisation: What India Should Follow?	Re-thinking Gandhi, Editor: P. Handique, M. Gohain, H. Saikia, ISBN 987-93-8117-633-7, pp. 49-60	2013
	Development of North East Region of India in the Prism of Look East Policy: Its Potentialities and Challenges	Look East Policy and North East India, Editor: Devojit Phukan, Published by Satprakash Katla, New Delhi, ISBN 987-93-8117-660-3, pp. 138-152	2013

Monograph Published

Two monographs have been published by one faculty member of the college in the last four academic years.

Name of the Faculty	Monographs		Year of Pub
	Title of Monograph	Publisher	
Dr Dusmanta Kumar Sut	Mathematical Studies of Certain Second Order Blood Flow Problems: A Computer Oriented Numerical Approach	VDM Verlag Dr. Muller, Germany; ISBN-10: 3639316053, ISBN-13: 978-3639316056; Published date: February 11, 2011 (Co author Dr. G. C. Hazarika)	2011
	Theory of Fuzzy Soft Sets	Lambert Academic Publishing (LAP), Germany; ISBN-10: 3659454222, ISBN-13: 978-3-659-45422-6, EAN: 9783659454226; Published date: September 17, 2013 (Co author Tridiv Jyoti Neog)	2013

Book Edited/Published

An edited book has been published by one faculty member of the college in the last four academic years.

Name of the Faculty	Books Edited		
	Title of the Book	Publisher with ISBN	Year of Pub
Joyprakash Oza	Prospects of Politics and Society	Unika Prakashan: Jorhat, ISBN 978-93-82030-20-1	2012

Text Book Published (Solely/Jointly authored)

A faculty member of the college has jointly authored two text books (for NCERT/AHSEC course in Geography) in the last four academic years.

Name of the Faculty	Books Edited		
	Title of the Book	Publisher and Place	Year of Pub
Runumi Deka Mahanta	<i>Uchchatar Madhyamik Prakritik Bhugol</i>	Asom Book Depot, Guwahati (Co author: Abhinab Prakash Mahanta)	2010
	<i>Uchchatar Madhyamik Manab Bhugol</i>	Ranu Prakashan, Panbazar, Guwahati (Co author: Abhinab Prakash Mahanta)	2011

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Monographs	Chapter in Books	Citation Index	SN IP	SJR	Impact factor	h-index
Dr. Mrinal Kumar Baruah	3	3	0	0	16				1
Gunaram Nath	2	1	0	1	0			0	0
Dr. Mira Choudhury	3	3	0	0	0			0	0
Jayanta	6	0	0	1	0			0	0

Kumar Sarma									
Dr. Bisakha Devi Das	3			1					
Joy Prakash Oza	0	0	0	1	0			0	0
Dr. Jonali Saikia Borkakoty	0	0	0	1	0			0	0
Snigdha Rani Rabha	2	0	0	1	0			0	0
Mrinali Kagyung	6	0	0	2	0			0	0
Bhuban Chandra Talukdar	2	0	0	1	0			0	0
Bornali Saikia	1	0	0	0	0			0	0
Dr. Devaproti m Hazarika	7	0	0	6	0			0	0
Dr. Nazim Forid Islam	2	2	0	0	0			0	0
Anindita Das	3	2	0	1	0			0	0
Nirmal Jyoti Konwar	0	0	0	2	0			0	0
Dr. Dusmanta Kumar Sut	43	43	2	0	129				7
Udoy Narayan Gogoi	2	2	0	0	0			0	0
Rabindra Bordoloi	0	0	0	4	0			0	0
Dr. Partha Pratim Saikia	3	3	0	0	1				0

Nijumoni Bonia	1	0	0	0	0			0	0
Kannaki Konwar	1	0	0	2	0			0	0
Dr. Hemen Sarma	2	2	0	0	0				0
Gitanjali Gogoi	0	0	0	1	0			0	0
Mitali Chetia	1	1	0	0	0			0	0

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 contributions.

Nil

3.5 Consultancy

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

The institute encourages staff members for establishing institute-industry linkage by visiting nearby industries like cement factory, tea factories and other small scale industries.

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

The institution does not have a stated policy to promote consultancy till date. But some of the experienced teachers offered guidance to the small scale entrepreneurs.

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

The institution encourages the teaching staff to utilize their expertise and available facilities for consultancy service, e.g., the chemicals required for soil and water analysis are provided by the institute.

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

The institute does not have any formally stated thrust area of consultancy. However, the institute offers consultancy service when approached by entrepreneurs without any charge.

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

The institute offers consultancy service free of charge.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

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

The institute adopts a number of measures to promote institution-neighbourhood-community-network. It has donated a portion of its land to the neighbouring village, inhabited by ST(P) community, for a link road to connect two parts of the same village. Besides, the institute organizes several programmes with the help of GOs and NGOs to strengthen the institution-neighbourhood-community-network with active participation of the students such as minor health camp, AIDS awareness programme, disaster management, anti tobacco signature campaign, cancer awareness and check up, women empowerment programme, legal awareness to women, health awareness programme after onset of puberty, environmental awareness to TGL etc. The Women's Cell of the college has undertaken several development programmes in association with women self-help groups like toy making, fruit preservation, workshop on preparation of indigenous cake (*pitha*). The institution has adopted a village named *Bapari Chuk Gaon*, 5 km away from the college to uplift the educational/ social status of the villagers. In order to do so, several programmes have been conducted including survey of socio-economic status, plantation, maintenance of the community pond, set up of a library, gardening in the school campus. However gardening in the school campus, cleaning of public tank etc. These programmes have been performed with strong participation of the NSS wing of the college. The NCC wing of this college has also played a vital role in various disaster management/ awareness programmes.

Such goodwill gestures and activities of the college have definitely contributed to the promotion of the institution-neighbourhood relation. The activities that involve the students would surely help them to be good citizen that in turn would lead to holistic development of the students.

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

citizenship roles?

The institute does not have any stated mechanism to track the students' involvement in various social activities/movement. However, the institution takes a number of measures for the involvement of students in NSS activities and participation in extension activities organized by the institution like AIDS awareness camp, health check up programme, plantation programme, disaster management, anti-tobacco signature campaign, cancer awareness programme etc. Active participation of the students in voters' day programme organized in association with district administration, celebration of Independence Day, Republic Day, *Gandhi Jayanti*, *Sankardeva Jonnmostov* (Birth Anniversary) etc. definitely promotes qualities of good citizenship among them.

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

The institution solicits stakeholders' perception on the overall performance and quality of the institution at the Governing Body meetings and by organizing guardians' meet, Alumni meet etc. from time to time. The institution tries to fulfil the suggestion obtained from these meets. Again, the feedback of the stakeholders also express their perception of the overall aspects of the college. Sometimes, the college also receives suggestions and opinions for quality improvement from the public forum and bodies of the Titabar locality.

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

The institution plans its extension and outreach programmes by holding staff meeting, meeting of the HoDs and meetings with the Extension Activity Committee. The institute does not have any budgetary provision for extension & outreach activities. However, these programmes are carried out with the help of the financial support from the teachers' unit & partly from the support of NSS. Some of the extension activities are mentioned below:

Year	Extension Programme
2010-11	• International Women's Day Celebration at <i>Biki Devi Gattani High School, Bogargaon</i> , Titabar on 8 th March, 2010
2011-12	• International Women's Day Celebration at <i>Dholi High School, Dholi</i> , Titabar on 8 th March, 2011
2012-13	• District level conference of National Science Congress

	<p>with the collaboration of <i>Aryabhatta Vignan Kendra</i>, Titabar on 2nd October, 2012</p> <ul style="list-style-type: none"> • A special talk on “Responsibility of the Guardians’ in the Physical and Mental Growth and Development of the Teenage Girls” held at Gomoti Devi Girls High School, Titabar on 8th March, 2013 organised by Women Cell of NNS College on the occasion of International Women Day. • Environment awareness programme held at Chungi Tea Garden, Jorhat on 12th March, 2013 organised by Sampriti Mahila Chora
2013-14	<ul style="list-style-type: none"> • NSS Special campaign programme held on 14th and 15th December, 2013 at <i>Bapari Chuk</i>, an adopted village of NNS College. • Planting of flower and plant saplings held at NNS College campus on 11th January, 2014 by NSS Unit. • Workshop on Toy Making on 1st October, 2013 organised by Sampriti Mahila Chora

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

The institution promotes the participation of students and faculties in extension activities including participation in NSS, NCC etc. by encouraging them by way of exemption of regular duties on the day of the programme to the teachers, consideration of attendance for the participating students etc.

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

The institute has carried out a social survey in the adopted village to find out the socio-economic status of the villagers and the educational status of the students. Based on the survey, the institute, in association with Public Health Department of Government of Assam, has taken initiative for better sanitary facility and pure drinking water facility by insisting on the proper and timely implementation of the government schemes meant for the rural and economically poor section. This initiative has led to the recognition of the vital areas of social deprivation faced by the students of the backward community in a backward village and follow-up action for rectification of these.

The *Sampriti* Women Cell of the college has undertaken a research

project on “Status of Women among Rural Thengal Kachari Tribal Society in Assam: A Case Study on Six Villages of Titabar Sub-division in Jorhat District” funded by Thengal Kachari Autonomous Council. The project was successfully completed that revealed issues of social justice/ injustice in the context of women including the girl students of the college.

This type of initiatives of the college renders social justice to the under privileged and vulnerable sections of the society.

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 extension activities of the college aims at developing the sense of social responsibility and commitment in the students so that they can provide valuable service to the society in future. By participating in different extension activities, students experience and acquire the following values and skills:

- Inculcating social responsibility and understanding the role, they have to play in social development.
- Develop the spirit of team work.
- Understand the benefits of co-operation, status of living standard and basic needs of village people and develop organizing ability.
- Develop leadership quality to voice against injustices faced by the under privileged people.
- Awareness of the importance of education by surveying the illiteracy of the villagers.
- Understanding the value of life by witnessing the struggles of the people to live.
- By observing the toil of people in earning money, students learn to become economic and avoid unnecessary expenditure.
- By participating in different environmental awareness programme, students become sensitized and oriented to protect environment and preserve natural flora and fauna.

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?

For the involvement of the community in the outreach activities, the institution puts emphasis on proper publicity of the events among the surrounding population. The teachers and other members of the college family personally contact and request the community leaders and members for participation in these outreach activities. Besides, the authority also communicates with sub-divisional administration and local authorities for the arrangement of certain facilities for the participants. The reach out activity has contributed to the development of the community life.

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 institute has a healthy relation with other institution and conducted several out-reach/ extension activities in collaboration with some of them. Following are the collaborative programmes undertaken in the last four years.

- Science model competitions in collaboration with Aryabhatta Science Center and Gyandeep Jatiya Vidyalaya.
- Awareness on Environment in Collaboration with Srimanta Sankardev Jatiya Vidyalaya.
- Programme on “Role of Science in the development of students scientific temper in” in collaboration with Srimanta Sankardev Jatiya Vidyalaya.

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.

No

3.7 Collaboration

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

The college has recently been sanctioned a DBT Twinning Project in collaboration with Hyderabad Central University. The college looks forward to receive benefits from this collaborative research which is at a nascent stage

at present.

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.

A faculty member of the Department of Botany has been granted a DBT-Twinning Programme in collaboration with Hyderabad Central University, Hyderabad recently. The institute is optimistic that this collaborative arrangement by DBT will lead to development of advanced research facilities in the institution.

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 interaction with the Thengal Kachari Autonomous Council which represents the Thengal Kachari [ST(P)] Community. This interaction with TKAC has resulted in the donation of a fund of Rs. 11.78 lacs for the renovation of the science building of the college.

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.

Eminent Persons visited into the institute

Academic Year	Title of the Seminar etc.	Duration	Organizing Department	Person Visit
2010	Departmental Seminar	26-04-2010	Geography	Dr. S. Sarkar, Lecturer, Dept. of Geography, J. B. College, Jorhat
2010	Role of Distance Education in HRD	28-09-2010	Education	Dr. Jibon Saikia, Asst. Professor, J.B. College, Jorhat
2010	Departmental Seminar	09-10-2010	Geography	Dr. A. K. Bora, Reader, Dept. of Geography, G.U.
2010	Clay Based Solid Acid and Catalyst and Metal Nano Particles	27-10-2010	Chemistry	Dr. D. K. Dutta, Chief Scientist, CSIR-NEIST
2010	Departmental Seminar on Mathematical Modelling	27-11-2010	Mathematics	Dr. Dipak Sarma, Principal, Kakojan College, Jorhat Dr. Utpal Sarma, Associate Professor, Jaya Gogoi College, Golghat
2011	Human Resource Development	30-09-2011	Education	Mr. Gunin Sharma, Rtd. Principal of DIET

2011	Special Lecturer on Career Opportunities of Chemistry Disciplines	4-11-2011	Chemistry	Dr. P. Sengupta, Chief Scientist, CSIR-NEIST Dr. Amrit Goswami, Chief Scientist, CSIR-NEIST
2012	Departmental Seminar	17-03-2012	Geography	Mrs. Rani Devi Bora, Associate Professor, Dept. of Geography, D.C.B Girls' College
2012	Departmental Seminar	08-04-2012	Geography	Dr. A. P. Mahanta, Associate Professor, Dept. of Geography, J.B. College
2012	Assam in the first half of 19 th Century	29-09-2012	History	Dr. Damborudhar Nath, Dept. of History, DU Dr. Tasadduk Amanul Hussain, Dept. of History, D.R. College
2013	Departmental Seminar	24-04-2013	Geography	Dr. Raju Gogoi, Asst. Professor, Dept. of Geography, Diphu Government College, Diphu
2013	Departmental Seminar	10-09-2013	Geography	Mr. Netra Gogoi, Lecturer of Social Science (Pre-service teacher education), DIET, Sibsagar
2013	Stereochemistry of Organic Compounds; Symmetry and Group Theory	21-09-2013	Chemistry	Dr. U. Borah, Asst. Professor, Tezpur University Dr. R. Kar, Asst. Professor, DU
2014	Special Lecturer on Nano	29-03-2014	Chemistry	Dr. Bibek Jyoti Bora, Scientist, CSIR –NEIST, Jorhat Mr. Kukil Saikia, CSIR-NEIST
2014	Training Programme on extraction of essential oils from plants	06-05-2014	Chemistry	Mr. Amar Jyoti Duarah, CSIR-NEIST, Jorhat
	Departmental Seminar on Mathematical Modelling	27-11-2010 & 09-05-2014	Mathematics	Dr. Krishna Gopal Sinha, Marioni
2013	Feminism: Issues and Concerns	06-11-2013	Political Science	Dr. A. Buragohain, HoD, Dept. of Political Science, DU
	Workshop on Human Right Education	07-09-2012	Political Science	Dr. Noni Gopal Mahanta, Associate Professor, GU Dr. Bhrigu Nath Pandey, Dean, Faculty of Law, BHU Dr. J. Bora, Principal, Teok CKB College

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

Collaboration has been established with Hyderabad Central University consequent to the sanction of a DBT, Govt. of India Twinning Programme to a faculty member of the Department of Botany of the college. Since the programme has been recently sanctioned the concrete results/benefits from it will take some time to come out.

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

The institute is very keen to establish formal linkage/ collaboration with other reputed institution/organization for research and extension programmes. Efforts are on to convert the existing informal linkages/collaborations with some other reputed institutes into formally agreed upon collaborations in future.

Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

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 college has a standard policy for up gradation of infrastructural facilities to meet the growing demands of the student community and faculty which aims to achieve academic excellence. The college governing body and construction committee decide on the creation and enhancement of infrastructure. Based on the availability of funds the requirements of various departments are taken into consideration on priority basis. Grants from UGC, Government of Assam and donations as well as income from students' fee are used to develop infrastructure to promote a good teaching-learning environment. The College also gets sponsors to enhance the infrastructure for the use of staff and students. The allocation and implementation of granted amount is used in different heads as per the college governing body and construction committee decisions and recommendations based on the requirements. The allocation of fund in the last four years for infrastructure development as shown below indicates the concern of the institution in this respect.

Year	Allotment of Fund (in Rupees)
2010-11	27,75,000.00
2011-12	28,25,000.00
2012-13	3,80,000.00
2013-14	54,00,000.00

Recent initiatives for enhancement of infrastructure to facilitate effective teaching-learning are as follows:

- A new building (two floors) is under construction for conference room, new library, smart class room, additional class room etc.
- Computers with Internet connectivity have been given to the departments (Wimax connectivity to 7 arts and 5 science departments).
- Up gradation and renovation of Physics and Chemistry laboratories during the financial year 2012-2013.
- Up gradation and renovation of Geography, Botany and Zoology laboratories during the financial year 2013-2014.
- Modernization of computer center with 19 computers with Wimax connectivity.
- Separate departments for six departments during the financial year 2011-2012.
- Water purifiers are installed in various blocks.
- Renovation of the gardens at the college entrance and in front of the administrative building.

- Earth filling in the college play ground.
- Construction of two new parking sheds.
- Construction of a new reading room of central library.

Scheme(s) undertaken by the college with financial assistance from state Govt., UGC and other funding agencies in the last five years:

Name of scheme(s) undertaken	Name of funding agency	Amount sanctioned
2010-2011		
Construction of Women's Hostel during 11 th Plan period, 1 st installment	UGC	25,00,000.00
Celebration Jubilee Grants during 11 th Plan period 1 st installment	UGC	12,50,000.00
Construction of Non-resident students' centre building under 11 th Plan period 1 st installment	UGC	4,00,000.00
Additional Grants 1 st installment during 11 th Plan period	UGC	9,00,000.00
For Publication of College Magazine under the award of 12 th Finance Commission for 2008-2009 (Students Union Fund)	Govt. of Assam	50,000.00
2011-2012		
MRP 1 st installment (Dr. D. K. Kalita, Dept. of Zoology)	UGC	1,15,000.00
MRP 1 st installment (Mrs. B. D. Das, Dept. of Education)	UGC	35,000.00
Construction of Women's Hostel 2 nd installment	UGC	12,50,000.00
Contingency grant for Teacher Fellowship to Sri Bhuban Chandra Talukdar, Dept. of English	UGC	15,000.00
For introduction of Certificate Course (3-6 months) under the Scheme of Human Rights (Dept. of Political Science) 1 st installment	UGC	3,50,000.00
For organizing the Workshop under the Scheme of Human Rights Education under Plan (Dept. of Political Science) 1 st installment	UGC	1,20,000.00
For Celebration of Jubilee Grants during 11 th Plan period 2 nd installment	UGC	6,25,000.00
For construction of Non-Resident student centre building 2 nd installment	UGC	3,20,000.00

Reimbursement of Tuition Fees for SC & ST candidates trained in 1 st & 2 nd batch of ITES-WEP training programme	DOEACC, Guwahati	68,400.00
Remuneration for NCC cadets	NCC office Jorhat	2000.00
2012-2013		
Additional Grants –Final installment	UGC	1,00,000.00
Construction of Women’s Hostel during 11 th Plan period under Special scheme outside Plan allocation- 3 rd installment	UGC	7,50,000.00
For celebration of Jubilee grants during 11 th Plan period-3 rd installment	UGC	3,75,000.00
MRP 2 nd installment (Mrs. B. D. Das, Dept. of Education)	UGC	19,000.00
Additional Grant/Schemes Merged with Development Grants – Final installment	UGC	4,10,000.00
Construction of Non-Resident Student Centre Building-3 rd & Final installment	UGC	80,000.00
MRP 2 nd installment (Dr. D. K. Kalita, Dept. of Zoology)	UGC	25,000.00
Additional Grant/Schemes Merged with Development Grants – 25% released	UGC	5,68,750.00
Remuneration for NCC cadets	NCC office Jorhat	3000.00
Release of financial assistance to Colleges under plan during the year 2011-2012 for Excursion, Publication of college magazine, organizing sports (Students Union Fund)	Govt. of Assam	4,00,000.00

4.1.2 Detail the facilities available for

a) Curricular and co-curricular activities –

Classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.

b) Extra –curricular activities –

Sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

1. Facilities available for Curricular and Co-curricular activities

a) Classrooms

The college has 21 class rooms, furnished, well ventilated, with electrification for running fans, lights and LCD projectors. Each of the class

rooms has sufficient space to accommodate required numbers of students ranging from 25 to 150 seating capacity.

b) Technology enabled learning spaces

For all academic activities the college has the LCD Projectors which are fitted in classrooms as and when necessary. Wimax connectivity and internet access is given in the central library, computer center and individual departments.

c) Seminar hall

A digital conference hall is under construction which is likely to be completed by the end of year 2014. Till date seminars and workshop have been held in the Auditorium and other spacious class rooms.

d) Tutorial spaces

The departments are allowed to engage tutorials in the class rooms in the afternoon hours. A few departments have their own tutorial class rooms.

e) Laboratories

The following departments have laboratory facilities:

- Physics : 02
- Chemistry : 02
- Zoology : 01
- Botany : 03
- Geography : 02
- Computer center: 01
- Education Lab : 01
- Mathematics computer lab : 01 (temporary).

A permanent laboratory for Mathematics has been proposed.

f) Botanical garden

The botanical garden, maintained by the Department of Botany, is being enlarged now.

g) Animal house

The College does not have any such facilities at present.

h) Specialized facilities for teaching, learning and research etc

The college has a good number of class rooms, departmental staff rooms, departmental library, audio-visual equipment and computers. Two photocopy machines are for students and teachers. White boards and green boards have been installed in some classrooms. The staff and students are

given free access to internet so that they can enrich their knowledge. Two generator sets are available to provide uninterrupted power supply.

The science laboratories are well maintained and well equipped to facilitate teaching-learning and research. The students can use other departments' laboratories as and when they require. The respective departments collaborate with various external agencies, universities and libraries (though no formal agreement is there except Hyderabad Central University). It helps the students to avail the infrastructural facilities available in the external sources.

To promote research in the college a Biotech hub has been established with the fund of Department of Biotechnology, Govt. of India. This centre acts as a hub for the teachers and students belonging to various science disciplines such as Botany, Chemistry, Physics, and Zoology departments of our college as well as those from nearby colleges. The college has a Research Committee comprising Principal and some faculty members to monitor the research activities conducted at the college. Dr. Hemen Sarma of the Botany Department has established another lab with the funding support of Department of Bio-Technology (DBT) under the DBT-Twinning project scheme. Dr. Partha Protim Saikia of the Chemistry Department has been selected for DST (New Delhi) Fast Track project. Besides, a number of Major and Minor research projects have either been sanctioned or are being carried out by different faculty members of the college.

Some of the equipments available for research are-

- Horizontal laminar flow
- Spectrophotometer
- Autoclave
- BOD and general incubator
- Hot-air oven
- Digital balance
- Distillation apparatus
- Kjeldahl apparatus
- Hot plate
- Magnetic stirrer
- Photomicrograph etc.
- Rotary Evaporator

2. Facilities available for Extra-curricular activities

a) Sports, outdoor and indoor games-

Students are encouraged and motivated to take sports and games as their extra-curricular activities. The students' union as well as college

administration maintains the grounds for both indoor and outdoor games. It has a well maintained ground for various outdoor games like Volley Ball, Badminton, Foot Ball, and Cricket. It also has the facilities for promoting indoor games like Chess, Table Tennis and Carom. To enrich the spirit of games and sports the winners and participants are given prizes and certificates. There are separate common rooms for female and male students with indoor game facility for their recreation. The institute proposes to construct a complex for indoor games in near future.

b) **Gymnasium**

At present gymnasium facility is not available in the campus.

c) **Auditorium**

The College has an auditorium with 600 seat capacity.

d) **NSS, NCC**

College has an NSS unit of 100 students. The college NSS unit has developed a good rapport with the neighbourhood communities. Very often it visits the areas and interacts with the people to create awareness on environmental protection and community responsibility. Various socially relevant services are provided by NSS students like blood donation camp, plantation, cleaning and beautification of ponds of adopted village, distribution of books and magazines to economically deprived school children's etc. Special camps were organized from time to time and the students got involved in community development activities with the participation of the local community.

The College has an NCC unit working under 51 Assam AIR (T) Sqn. NCC, Jorhat. The students are enrolled (maximum 100) for three year course for availing 'B' & 'C' Certificates.

e) **Cultural activities**

To explore the inherent and hidden talents of the fresher, the common fresher's day is celebrated by the Students' Union. The first year students are encouraged to exhibit their talents on the stage. The College Union conducts cultural programmes in the college auditorium for three days under the guidance of the faculty in charge for cultural activities. Cultural Secretary, selected by the students' representatives, is in charge for disseminating the message related to intra college cultural events for the students. The cultural events related information is displayed in notice board. The department in charge for cultural activities will facilitate the students to take part in various cultural events at both inter and intra college levels. The colleges have been regularly participating in the zonal and inter zonal youth festivals. The students have been participating with full fervour and zeal in all activities, academic, theatrical, fine arts or musical. They have proved their mettle in all

the fields. In the last five years, the college has bagged many prizes which have brought laurels to the name of college.

f) Public speaking communication skills development:

College faculty keeps on enriching the students with the art of communicative skills.

g) Yoga: At present College do not have any Yoga facility.

h) Health and Hygiene:

In addition to the above mentioned facilities, our College has a very special concern for the health and hygiene of the college students, staff and other members. The college specially takes care of the health and hygiene of the students and staff. For this the college along with Thengal Kachari Autonomous Council keeps on organizing health check up camps where local doctors, dentists, eye surgeons and skin specialists visit and keep a watch on the health of the stakeholders, the students, staff and the local peoples. Proper arrangement of drinking water is available in the college campus at five different locations (R.O. purified drinking water). The institution has a tie up with a local doctor for emergency needs.

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

The institution discusses, plans about infrastructure at various levels- Governing Body meeting, meeting of the HoDs with Principal and Vice Principal, Staff meetings etc. The different aspects of infrastructure in terms of the available facilities, academic suitability and further requirements are discussed thoroughly. The decision making bodies of the institution pay attention to ensure that the available infrastructure caters to the needs of academic growth and also insist on maximum utilization of the same for desired academic output. Whenever the need for new and separate infrastructure arise to meet the academic growth, the institution tries to fulfill it giving this a preferential treatment.

Infrastructure and other facilities developed and amount expended during the last four years:

Infrastructure and other facilities developed	Name of funding	Amount sanctioned	Amount spent
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	agency		
2010-2011			
Construction of women's hostel (XI plan), 1 st Installment (Non-recurring grants)	UGC	2500000.00	2500000
Construction of Non-Resident student centre (NRSC) building, 1 st Installment (Non-recurring grants)	UGC	400000.00	Utilization in progress
Additional grant, 1 st Installment	UGC	900000.00	Utilization in progress
Construction of Department Building (NERDP)	Untied Fund Scheme	2350000.00	2350000
	College fund	125179.00	125179
Printing and stationery	General fund		100045
Computer	General fund		72440
Furniture	General fund		21200
Blackboard repairing	General fund		2960
Campus maintenance	General fund		54400
Biometric device	General fund		17250
2011-2012			
Construction of women's hostel (XI plan), 2 nd Installment (Non-recurring grants)	UGC	1250000.00	12,50,000
For construction of Non-Resident student centre (NRSC) building, 2 nd Installment (Non-recurring grants)	UGC	320000.00	3,20,000
Printing & Stationary	General fund		150334
Computer	General fund		13410
Maintenance of photocopy machine	General fund		4500
Mobile Misc. Set (N. Talk machine)	General fund		14382
Biometric device	General		12150

	fund		
Closed circuit cameras	General fund		83048
2012-2013			
Additional Grants –Final installment	UGC	1,00,000.00	1,00,000
Construction of Women's Hostel during XIth Plan period under Special scheme outside Plan allocation- 3 rd installment	UGC	7,50,000.00	7,50,000
Additional Grant/Schemes Merged with Development Grants – Final installment	UGC	4,10,000.00	4,10,000
Construction of Non-Resident Student Centre Building-3 rd & Final installment	UGC	80,000.00	80,000
Additional Grant/Schemes Merged with Development Grants – 25% released	UGC	5,68,750.00	5,68,750
Printing charges	General fund		61035
Campus cleaning charges	General fund		23140
Computer maintenance	General fund		28177
Closed circuit cameras	General fund		7980
Furniture	General fund		18400
Photocopy	General fund		15065
Development of play ground	General fund		27410
2013-2014			
Grant for books, journals and equipments (XIth plan allocation)	UGC		200000

Future plan of expansion:

In the arena of infrastructural development, the college proposes to undertake the following strategic plans:

1. Construct new buildings having separate space for administrative works, support service departments, examination, recreation centre for both boys'

and girls', indoor stadium, gymnasium, yoga centre, modern toilet facility etc.

2. The play ground will be improved and modernized.
3. The college auditorium will be improved with modern furniture and modern sound proof device.
4. Construction of green house and beautification of the campus including plantation of rare & medicinal plants.
5. Construction of remaining boundary wall of the College.
6. Provision for Wi-Fi enabled campus.
7. A separate building for IQAC.
8. Boys' Hostel.

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

The institute ensures that infrastructure facilities meet the requirement of the students with physical disabilities. For differently-abled students, it is ensured that they don't have any physical obstruction. The institution is committed to accommodate them on the ground-floor, especially front-seating arrangement, comfortable furniture, attendant facility. The needs of the physically challenged students are fulfilled by the supporting staff. The students are given extra attention during the college sessional examinations as well as the university examinations. Arrangements are made for the physically handicapped so that they can sit in the ground floor during examination. Teaching departments are situated on the ground floor of the college building which makes these easily accessible for differently-abled/ physically challenged students.

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

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

a) **Hostel Facility-Accommodation available.**

Within the campus the college has well bounded separate girls' hostel for undergraduate students. It is a two storied women hostel with seat capacity of 40 having 20 rooms. To take care of the students in the hostel, it has a

warden, a house keeper, a watch man and a cook. A bed, a table, a chair and plug points are provided to each student. Electricity and running water are available in the girls' hostel. Cleanliness is maintained by adequate number of support staff. Adequate numbers of bathrooms and toilets have been constructed in the hostel.

b) Recreational facilities, gymnasium, yoga center, etc.

Lush-green ground space for out-door recreation is provided by the institute. Arrangement for gymnasium hall and yoga centre is not available at present.

c) Computer Facility including access to Internet in hostel.

There is a separate Computer room with internet facility in the hostel.

d) Facilities for medical emergencies.

A Physician is appointed on part-time basis who attends the students in any emergency health situations. In case of an emergency, the cases are referred to the civil hospital, Titabar, which is located just 1 KM away from the college campus.

e) Library facility in the hostels.

The college hostel has a library room for reading books, magazines, newspapers, periodicals, etc.

f) Internet and Wi-Fi facility.

Internet connectivity has been provided in the girls' hostel.

h) Recreational facility-common room with audio-visual equipments.

A common room with television set is available in the girls hostel.

i) Available residential facility for the staff and occupancy.

Separate quarter and room are available for hostel warden and staff.

j) Constant supply of safe drinking water.

Water purifier is fitted for supply pure drinking water.

k) Security.

The hostel is well bounded by concrete wall in all its side. Watch man for day and night is appointed to keep constant vigil.

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?

A Physician is appointed on part-time basis who attends the students in any emergency health situations. In case of complicated matters, the cases are referred to the civil hospital, Titabar, which is located at 1 Km away from the college campus. The college also organizes various health camps for screening cancer, dental care, eye checkups, anemia care, general health camp to detect diabetics, women related health issues etc. in co-ordination with the NSS unit of the college and various Organizations of Titabar.

4.1.7 Give details of the Common Facilities available on the campus –spaces for special units like IQAC, Grievance Redressal unit, Women's Cell,

Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

a) **IQAC.** The college has separate office for Internal Quality Assurance Cell. The cell is well set up with two computers and internet facility, printers, provision for uninterrupted power supply, two steel almirahs for record keeping etc.

b) **Grievance Redressal Cell:** There is a Grievance Redressal Cell in the campus to look into the grievances of staff and students. The cell also works for redressal of the logical grievances reported to it.

c) **Women's Cell:** 2 (UGC 1, Teachers' Unit 1)

d) **Counselling and Career Guidance:** For supporting students' activities like holding of career counselling programmes, entrepreneurship development programme, coaching for entry into state/ central and private sector services, language assistance programme like spoken English, computer skill development, remedial classes, etc., are carried out. The career counselling centre of the college circulates information regarding various employment opportunities to the students of different disciplines.

e) **Placement Unit :** The College does not have any placement cell at present. However, for improving the employability of graduates, arrangement of courses for different employment opportunities has already been made. In this regard, subject experts, some experts from coaching centers are invited.

f) **Health Centre:** The institution does not have separate health centre at present. A Physician is appointed on part-time basis who attends the students in any emergency health situations.

g) **Canteen :** The college has well furnished canteen facilities. The canteen is located at the entrance of the college. The foods are provided at subsidized rate to both students and other college staff.

h) **Recreational spaces for staffs and students :** The campus is surrounded with lush green vegetation that creates a dust free environment. A common room is there for the staff members and guests. Male and female students have separate common rooms with necessary facilities.

i) **Safe drinking water facility:** Proper arrangement of drinking water is available in the college campus at five different locations (R.O. purified drinking water).

j) **Auditorium :** The College has an auditorium with 600 seat capacity.

4.2 Library as a Learning Resource

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

The library has an Advisory Committee. The Advisory Committee of the library comprises the Principal, Vice Principal, Librarian and all heads of the departments. The advisory committee discusses and finalizes the infrastructural and academic requirements of the library. The committee has suggested the implementation of the following recommendations:

- Provision of display racks for latest arrivals of books, magazines and journals.
- Provision of enlarged and comfortable sitting arrangement for readers.
- Increase in number of racks to accommodate more number of books.
- Purchase of new and latest reference books to enrich the library resources.
- Computerisation of data.

In the recent past, at the advice of the advisory committee lay out of the library has been changed, almirahs have been painted and new steel almirahs have been installed. It has also recommended the construction of a new library building which has been completed now.

4.2.2 Provide details of the following:

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

a) Total area of the library : 180.81 Sq. m

b) Total seating capacity : 60

c) Working hours :

(i) On working days : 9 A.M to 5 P.M

(ii) On holidays : Nil

(iii) Before examination days : 9 A.M to 5 P.M

(iv) During examination days : 9 A.M to 5 P.M

(v) During vacation : 9 A.M to 5 P.M

d) Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)
(Annexure attached)

4.2.3 How does the library ensure purchase and use of current titles, print and

e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

The principal of the college circulates notice and requisitions for books are invited from all the head of departments. Every department of the college is asked to submit the lists of books and journals to be purchased with reference to new syllabi and current needs of the students. Books related to emerging topics and modern trends are given due importance while purchasing new books. Whenever any book fair is held, the college makes necessary arrangements for the purchasing of the books. The amount spent on procuring new books etc. during the last four years is as under:

Library purchase of Books and Journals

Library holdings	2010-2011		2011-2012		2012-2013		2013-2014	
	Number	Cost	Number	Cost	Number	Cost	Number	Cost
Text books	363	13273	612	135654	1350	279420	-	-
Reference books	-	-	88		270		-	-
Journals/Periodicals	14/12	21670	14/10	5400	13/11	7950	13/11	5550
e-resources (INFLIBNET)		-	-	-	-	-	-	5000
Any other (specify)	-	-	-	-	-	-	-	-

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

- * OPAC
- * Electronic Resource Management package for e-journals
- * Federated searching tools to search articles in multiple databases
- * Library Website
- * In-house/remote access to e-publications
- * Library automation
- * Total number of computers for public access
- * Total numbers of printers for public access
- * Internet band width/ speed 2mbps 10 mbps 1 gb (GB)
- * Institutional Repository
- * Content management system for e-learning
- * Participation in Resource sharing networks/consortia (like Inflibnet)

- 1) OPAC: NA
- 2) Electronic Resource Management package for e-journals: NA
- 3) Federated searching tools: NA
- 4) Library Website: Yes
- 5) In-house/remote access to e-publications: Yes

6) Library automation:	Work in progress
7) Total number of computers for public access:	2 Nos.
8) Total numbers of printers for public access:	2 Nos.
9) Total No of Photocopy machine:	1 No.
10) Internet band width/ speed:	10 mbps
11) Institutional Repository:	Yes,Back Volumes
12) Content management system for e-learning:	NA
12) Participation in Resource sharing networks/consortia (like INFLIBNET)	Yes

4.2.5 Provide details on the following items:

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

- Average number of walk-ins: 850 Arts (per annum)
342 Sc (per annum)
- Average number of books issued/returned: 92.80 (approx. per annum)
- Ratio of library books to students enrolled: 27:8
- Average number of books added during last three years: 2786
- Average number of login to opac (OPAC): Nil
- Average number of login to e-resources: NA
- Average number of e-resources downloaded/printed: NA
- Number of information trainings organized: One per year
- Details of “weeding out” of books and other materials:
Old and dilapidated books are removed from the regular stacks and kept in separate racks.

4.2.6 Give details of the specialized services provided by the library

- * Manuscripts
- * Reference
- * Reprography
- * ILL (Inter Library Loan Service)

- * Information deployment and notification (Information Deployment and Notification)
- * Download
- * Printing
- * Reading list/ Bibliography compilation
- * In-house/remote access to e-resources
- * User Orientation and awareness
- * Assistance in searching Databases
- * INFLIBNET/IUC facilities

- Manuscripts: Nil
- Reference: Reference book for individual subjects, Encyclopedia Britannica, Yearbooks, Competitive exams books.
- Reprography: Nil
- ILL (Inter Library Loan Service): No
- Information deployment and notification: Yes
- Download: Computer systems available for download
- Printing: Printer facility available with UPS
- Reading list/ Bibliography compilation: Yes
- In-house/remote access to e-resources: Yes
- User Orientation and awareness: Students at the entry level are oriented about the rules and regulations through workshops at entry level for using library resources at specially designed orientation/ induction programme.
- Assistance in searching Databases: Yes
- INFLIBNET/IUC facilities: Available

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

The library staff, including Librarian and Asst. Librarian (Part time), provides some support towards the convenience of the students and the teachers of the college. At the beginning of each new session the library staff give the students library card containing the details of the students. They also advise the students about the limitations and other rules regarding issue and return of the books. The students are helped by the Library staff in locating, issuing and getting the books borrowed by them returned to the library. The staff of the library also enables the students in obtaining the library clearance certificate before the filling up of the university examination forms. The library staff at times also helps the students in searching relevant information from the available web resources. The news papers are also provided to the students at the library. The library staff also helps the teachers of the college in more than one way. The teachers are assisted in locating the books by the staff. If any book required by a particular teacher is not available in the library

at the time of the demand, the Librarian or the Asst. Librarian verifies the record against that book and informs the teacher about the status. The teachers are also informed about the newly procured text and reference books whenever they approach the concerned staff of the library. The Grade IV staff of the central library also takes care of the cleanliness of the reading rooms for the students and the teachers.

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

Since the library was situated on the ground floor earlier physically challenged students could access it easily. Now as the library has been shifted to the newly constructed complex on the first floor every necessary help will be offered by the library staff to the physically challenged persons as and when needed. The institute ensures that library facilities meet the requirement of the students with physical disabilities. For differently-abled students, it will be ensured that they don't have any physical obstruction. The physically and visually challenged students are given top priority while issuing the books.

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?)

A visitor's diary is maintained in the central library which also has space for record of the feedback from the visitors. The library committee and the authority of the institute consider such feedback from time to time and initiate action for improvement of the library system on the basis of the feedback.

4.3 IT Infrastructure

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

- Number of computers with Configuration (provide actual number with exact configuration of each available system)
- Computer-student ratio
- Stand alone facility
- LAN facility
- Wifi facility
- Licensed software
- Number of nodes/ computers with Internet facility
- Any other

All the departments have computers in the departmental staff rooms. The

college has a total number of 45 computers. The Computer Center has 19 computers. The computer-student ratio for different courses ranges from 1:10 to 1:30. LAN facility is available in the campus. Internet facility can be accessed through 24 numbers of computers. Details of computing facility available in the institution are as follows:

Sl. No	Department/ Office	Nos. of Desktop(DT)/ Laptop(LT) computers		Configuration
1	Assamese	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz, RAM: 2 GB, System type: 32- bit, OS: Windows 7
2	Botany	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz RAM: 2GB, System type: 64- bit, OS: Windows 7
3	Chemistry	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
4	Computer Center	19 Nos. DT	HP 2 Nos.	Intel (R) Pentium (R) CPU G630T@2.3GHz RAM: 2GB, System type: 64- bit, OS: Windows 7
			HCL 6 Nos.	Intel (R) Pentium (R) CPU G640 @ 2.80GHz RAM: 2GB, System type: 32-bit, OS: Windows 7
			HCL 1 Nos.	Pentium (R) Dual-Core CPU E6700 @ 3.20 GHz RAM: 2GB, System type: 32-bit, OS: Windows 7
			Acer 3 Nos.	Intel (R) Pentium (R) CPU G630@2.70GHz RAM: 4GB, System type: 64-bit, OS: Windows XP
			Compaq 1 Nos.	Pentium IV, RAM: 256, System type: 32-bit, OS: Windows XP
			Think line 6 Nos.	Pentium (R) Dual-Core CPU E5400 @ 2.70 GHz RAM: 2GB, System type: 32-bit, OS: Windows XP
5	Economics	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
6	Education	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
7	English	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz RAM: 2GB, System type: 32- bit, OS: Windows

				7
8	Geography	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
9	History	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
10	Mathematics	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
11	Mathematics lab	5 Nos. DT	Asus 2 Nos.	Intel (R) Pentium (R) CPU G630@2.70GHz RAM: 1.68GB, System type: 32- bit, OS: Windows XP 2002 SP2
			Dell 3Nos.	Intel (R) Core™ i3-2120T CPU @3.30GHz RAM: 2GB, System type: 64- bit, OS: Windows 7
12	Physics	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
13	Political Science	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
14	Zoology	1 Nos. DT, HP		Intel (R) Pentium (R) CPU G620@2.60GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
15	Office of the Principal	1 Nos. DT, HCL		AMD Athlon™ 64×2 Dual-Core 440+2.31GHz RAM: 1.75GB, OS: Windows XP
16	College office	3 Nos. DT	Wipro 1Nos.	Intel (R) Pentium (R) CPU G630T@2.30GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
			HP 1Nos.	Intel (R) Core™ i3-2120T CPU @2.60GHz RAM: 2GB, System type: 64- bit, OS: Windows 7
			HP 1Nos.	Intel (R) Pentium (R) CPU G630T@2.30GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
		2 Nos. LT	HP 1Nos.	Intel i5 Dual-Core, RAM: 4GB, System type: 64- bit, OS: Windows 7
			Compaq 1Nos.	Intel (R) Core™ 2 duo CPU T6570 @2.10GHz RAM: 2GB, System type: 32- bit, OS: Windows 7
17	Library	1 Nos. DT, HP		Intel (R) Pentium (R) Dual-Core CPU E2160@1.80GHz, RAM: 1GB, System type: 32-bit, OS: Windows 2003 (SQUAL server)
18	IQAC	1 Nos. DT, HP		Intel (R) Pentium (R) Dual-Core CPU E6700@3.20GHz, RAM: 2GB, System type: 32-

			bit, OS: Windows 7
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4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

The college has extended computer facility to all faculty and students. The college has installed Wi-Max facility and Net is available 24x7.

- All departments are equipped with computer and internet facility for both faculty and students.
- 4 numbers of computers in the computer center laboratory are connected to the internet for the use of the students.

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

The college is concerned about offering the students a fair exposure to IT so that they can acquire computer knowledge and skill for their future benefits. Keeping in view this objective the college makes certain strategies for the development of the overall IT infrastructure within the campus. It has already completed the construction of two digital class rooms for the benefit of the students in this respect. The institution has the following plans to upgrade the IT infrastructure and associated facilities:

- Wi-Fi connectivity in the campus.
- Increase of LCD facility for effective teaching-learning.
- Purchasing more number of computers to enable the students to spend more time effectively on computer learning.
- Construction of digital library under progress.

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

In its annual budget the college allocates a portion from the college fund for the procurement, up gradation and maintenance of computers and accessories. Since government has not so far created or sanction any permanent faculty position for IT/ICT in the provincialised colleges, the college has appointed on part time basis a computer teacher and a computer laboratory assistant for teaching of computer skill subject in view of the fact that Dibrugarh University has made the teaching of computer skill mandatory in its affiliated colleges. The computers in the office, library, computer center and the teaching departments are looked after by a private party.

The details of the provision made in the annual budget for procurement, upgradation, deployment and maintenance of computers and their accessories during last four years are shown in the table below:

Session	Amount allotted (in Rupees)
2010-11	2,80,500.00
2011-12	2,80,500.00
2012-13	1,88,000.00
2013-14	2,16,000.00

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 made several efforts to increase computer awareness and motivated the faculty to use this resource in the teaching-learning process. In addition to the traditional methods of teaching, the experts are invited who offer demonstration class on how to use ICT resources for an effective teaching-learning process. Use of models, audio visual aids like LCD projectors, Power Point Presentation is given special emphasis in such training cum demonstration classes. Computers with latest configuration and internet facility have been provided to all the departments. Almost all the faculty members are familiar with the use of computers. Those who are not well versed are motivated to acquire competency in this indispensable field and necessary guidance is given when required. The courses that involve knowledge of computers for students are given special attention. The paradigm shift in the job market, namely the demand for hands in the IT and IT enabled service sectors, calls for a restructured curriculum and the institution has complied with this demand by introducing the mandatory computer skills programme in the undergraduate courses. INFLIBNET enable e-resource facility has been made available for effective teaching-learning in the campus. Students are encouraged and trained to give PowerPoint Presentation in the student and departmental seminars.

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 institution has always been placing the students at the centre of the teaching learning process. The process has become more so after the introduction of the semester system in the undergraduate courses. The vision and the mission of the institution have always been to provide useful knowledge to its students. To make the students employable, computer literacy and use of information communication technology (ICT) by the students is emphasized. Computers with internet facility have been made available to all

the departments and library to support ICT enable teaching-learning methods. The institution encourages the staff to undergo training on the computer-aided teaching and learning. Computer Skills has been introduced as compulsory subject in select semesters as per Dibrugarh University guideline that also leads to ICT enabled learning. LCD projectors are made available so as to enrich teaching-learning programme and orient the teachers and students. Well equipped computer laboratory is available for the benefit of the students. All the above mentioned efforts and the e-resources, available in the campus offered through N LIST- INFLIBNET, in the form of articles, e-books, reviews etc. have proved to be of considerable benefit towards placing the students at the center of learning.

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 college does not avail the connectivity through National Knowledge Network.

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)?

a.	Building
b.	Furniture
c.	Equipment
d.	Computers
e.	Vehicles
f.	Any other

The Principal and the college governing body, on the basis of the tentative development plan, propose the infrastructural needs to the concerned authorities. The Assam Government and UGC sanctions funds based on the requirements, student strength, and the nature of the academic programmes offered by the institution. The college development fund is utilized for

maintenance and minor repairs of furniture and equipments. An effective monitoring system through various committees ensures the optimal utilization of budget allocated.

The budget is prepared keeping in mind the annual expansion plans and allocation of funds under various heads for maintenance and improvement of infrastructure. The expenditure is earmarked under planned heads and non-planned heads. If the need arises for supplementing the funds, earmark under either head, the Principal propose additions. All financial matters are discussed and ratified as per need by the Governing Body.

The college does not provide transport facility to students, faculty and authority. So it does not require any budgetary allocation for the same. The details of the budget allocated during the last four years are as under:

Sl. No.	Infrastructure	Budget allocated during last four years			
		2010-2011	2011-2012	2012-2013	2013-2014
a.	Building	5110000	2100000	1155000	1997000
b.	Furniture	277800	268000	716000	701000
c.	Equipment	151000	39000	21000	132000
d.	Computers	273000	441000	434000	384000
e.	Vehicles	Nil	Nil	Nil	Nil
f.	Any other	52000	Nil	47000	32000
g.	Research	20000	205000	44000	70000

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

The institution has made adequate arrangements for the maintenance and upkeep of the college infrastructure. The management ensures that enough funds are allocated and then utilized for the maintenance. The maintenance and improvement of the campus is under taken with the help of the construction committee. Heads of the departments (wherever applicable) maintain a stock register for the available equipments. The Government appoints Lab Assistant for the Science Lab. They are responsible for the maintenance of equipments in the lab. In case of any major technical problem, help is sought from outside.

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

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

staff appointed for cleaning and maintenance of the building. The laboratory equipments are maintained through College Development Fund and annual grants received from the government. The computers and electronic devices are maintained and repaired through the funds available in the institution. We have qualified staff for minor maintenance of computers and networking facilities.

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

The college has clear-cut mentioned places for the sensitive equipments like electricity generators, water purifiers, chemicals and scientific instruments. Separate water tanks are available for each block to store necessary water for the day and it is filled up during night time by the maintenance people who work round the clock. The laboratory staff keeps a strict vigil regarding the maintenance and upkeep of the scientific instruments and chemicals. Their repair or replacement is undertaken in their supervision. Similarly, the college electrician and the supporting staff is responsible for the upkeep of electrical equipments and their maintenance. The institution has a tie up with the company from which the RO purifiers were brought and the institution pays to the firm for the regular and routine check up and upkeep of the purifiers.

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

No

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?

The college publishes its updated prospectus each year. Through the prospectus the institution offers a range of information to the students and guardians starting with the mission, vision and objectives of the college. It provides information regarding academic session, working hours, academic and recreational facilities for the students. Besides, the college prospectus also informs about the support services and extension activities meant for the convenience and participation of the students. Two of the most important components of the prospectus are the detailed information about the procedure of admission to both the Arts and Science streams and the courses of study offered by the institution. Moreover, one can also get information about the code of conduct for the students, total dues payable by the students of various streams and subject combinations and the holiday list of the University for the Entire Year. Further, the prospectus clearly informs about the methods of internal evaluation and library rules. The prospectus ends with a complete list of the administrative heads, faculty members and the non-teaching staff of the institution.

At the beginning of each academic year the college authority prepares a daily class routine and classes are allotted to each of the faculties. To monitor the smooth conduction of the academic affairs including the classes the college has devised an internal mechanism by creating two positions of academic Vice Principals for each of the two streams. A daily progress report is maintained by the individual departments that records the progress of the assigned portions of the syllabus. Teachers are asked to account for their academic lapses by the concerned authority. Besides, the students can approach the authority through the grievance redress cell and the students' union to place their concerns regarding academic and administrative issues.

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?

Year	Type	Number	Amount of Institutional Scholarship/ freeships
2010-11	Post Matric Scholarship	142	4,52,225/-
	Student Aid Fund	26	19,500
2011-12	Post Matric Scholarship	212	5,61,650/-

	Student Aid Fund	31	32,200/-
2012-13	Post Matric Scholarship	47	2,58,963/-
	Student Aid Fund	33	35,300/-
2013-14	Post Matric Scholarship	Nil	Nil
	Student Aid Fund	18	56,650/-

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

Year	No of students receives financial assistance	percentage
2010-11	142	34
2011-12	212	49.8
2012-13	47	5.6
2013-14	Nil	-

5.1.4 What are the specific support services/facilities available for

- ✓ Students from SC/ST, OBC and economically weaker sections
- ✓ Students with physical disabilities
- ✓ Overseas students
- ✓ Students to participate in various competitions/National and International
- ✓ Medical assistance to students: health centre, health insurance etc.
- ✓ Organizing coaching classes for competitive exams
- ✓ Skill development (spoken English, computer literacy, etc.,)
- ✓ Support for “slow learners”
- ✓ Exposures of students to other institution of higher learning/ corporate/business house etc.
- ✓ Publication of student magazines

The students belonging the categories of SC, ST, OBC, MOBC, TGL, PH etc. are given admission against the reserved seats as per government rules. The authority takes special interest in providing them government scholarship on time. Further, there is a provision of remedial classes for the betterment of the students of SC/ST, OBC communities and other economically weaker sections of the society.

- The students with physical disabilities are given a preferential treatment in compliance with government guideline. The visually handicapped students are allowed to seat in the front benches in the classes as well as examinations. They are also permitted to take the help of translators/ writers to write for them in the Internal Assessment & semester

examinations.

- Nil
- The students are encouraged by the institution to participate in different inter-college, zonal, university, state and national level competitions. They receive financial support from the institution for their expenditure under the headings of transportation, fooding, lodging and registration. The college usually appoints one or two teachers as in-charge of the participating teams for guidance.
- The institution offers LIC (GIS) insurance up to Rs. 20,000/- to the students.
- The college organizes coaching classes for IAS/ ACS/ Bank PO and other competitive examination for it's under graduate students. Experienced teachers are arranged to run such classes. Mock tests are also conducted from time to time as part of the special coaching programme.
- The college offers several facilities for skill development. The short term Spoken English course was introduced for the benefit of the students, especially those who passed their last qualifying examinations from vernacular medium schools/institutions. The college has introduced a skill based course on creative writing jointly run by the departments of Assamese & English. Besides, the computer center with internet connection has been of substantial help for the students in the development of their computer application skills.
- The “slow learners” are supported by the institution with extra classes for them. Again, the teachers of each of the departments offer personal counselling and notes to them for their upliftment.
- The students of the college, are particularly major students, are taken to some leading research centers, IIT and University for better exposure. While the students of Arts are usually taken to the libraries, the science students are accompanied by their teachers to the workshops and laboratories having advanced facilities.
- The college publishes *Nandanian*, the student magazine, every year that mainly includes the creative and critical writings of the students. Moreover, the individual departments have their wall magazines that are released in each of the semester. The articles in these wall magazines are mostly contributed by the students of both major and general courses.

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

The institution has organised several programmes through its teaching departments, IQAC & women's cells with a view to developing and

facilitating entrepreneurial skills among the students. The department of chemistry in collaboration with IQAC has organized a one day workshop on extraction of natural oil from the locally available medicinal herbs. Further, the one day workshops organized by the Women's cell of the college on toy making, preparation of pickles, fruit preservation etc. deserve mention in this context. These workshops have inspired the students to undertake such ventures like toy making, preparation and packaging of pickles etc. The institution also requests the participating students to approach the concerned authority in case of any difficulty in future.

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

- * additional academic support, flexibility in examinations
- * special dietary requirements, sports uniform and materials
- * any other

The college promotes participation of students in extracurricular and co-curricular activities at different levels. It encourages the students to show their talents in the fields of games and sports as well as cultural activities. Some of the strategies to promote participation in such events are consideration in attendance for the participants, notes to them to make up the lessons imparted in the missed classes. Flexible policy is adopted in the Internal Assessment examinations in term of weightage for attendance and re-conduction of examinations and seminar presentations for these who could not appear due to their representative participation in different sports and cultural events. The college takes care of the special dietary requirements for the participants, through the teacher in-charge of the teams and provides uniforms for some sports like football, volleyball etc.

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

The teachers of the individual departments offer continuous support and guidance to the students who are interested in the competitive examinations held by the central/ state governments. Students are given notes and personal books on different fields and counselled by the teachers about the ways to score good and competitive marks. The institution also ran the UGC sponsored coaching for entry into services. The college also ran a three months Spoken English course with a view to uplifting the students' preparation for competitive examinations. There is no formally recorded data

on the number of students who have appeared in and qualified different competitive examinations. But it is worth mentioning that a good number of our students have qualified the TET conducted by government of Assam and they have been appointed in different provincialised schools. Besides, some students have also made themselves to the defense services in recent years.

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

Career counselling is formally available to the students at the institution for which all correspondence and arrangements are made by the Career Counselling Cell of the college on behalf of the authority. Academic counselling is provided to the students at the departmental level by the teachers. The potentiality for employment of some courses is shared with them and students are advised to pursue higher studies in specific disciplines. They are also briefed about leading institutes in India that offer innovative and equality education in certain disciplines. Some of the departments and teachers also devote time for personnel counselling of the students if they are seen to be under stress. In the case of those students who are marked for their inquisitiveness and research aptitude in the classes and Internal Assessment examinations, the teachers encourage and guide them to pursue higher studies and subsequent research in the potential fields of knowledge.

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

The career and counselling cell and different departments of the college guide the students in matters of economic and academic benefits of the different courses. The said cell arranges orientation/ interaction programmes for the benefit of the students by inviting experts/ senior officials from different organisations. The cell assesses the students and identifies their strong areas and on the basis of the assessment, students are encouraged to focus on particular jobs. The cell and the teachers of the college also help the students by instructing how to prepare themselves for interviews. Though there is no placement cell in the college at present, some teachers help and guide students in securing jobs in the private sector, particularly national level companies through their recommendation.

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 institution has a grievance redressal cell that addresses the grievances placed before it by the stakeholders including students. Some of

the grievances of the students reported during the last four years are listed below:

- (a) Water purifier cum cooler inside the campus.
- (b) Increase in the seat capacity of the students' reading room attached to the central library.
- (c) Replacement of the old blackboards in the class rooms.
- (d) Construction of sufficient washrooms separately for boys and girls. The status of redressal in respect of the above grievances is as follows:
 - (i) Order for supply of the water purifier and coolers have been placed by the authority. It is expected that the same will be installed inside the campus very soon.
 - (ii) The seat capacity of the students in the existing library has been increased by extending the building as desired by the students.
 - (iii) The old black boards have been replaced already.
 - (iv) Several pairs of wash rooms have been constructed separately for the convenience of the girls and boys within the campus.

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

There is a committee for resolving issues pertaining to sexual harassment that consists of the principal as the chairman and a few other senior teachers as coordinator and members. The committee has been entitled by the college authority with the responsibility to look into any issue of sexual harassment. It may be added in this context that no incident pertaining to sexual harassment has occurred in the college campus till date. The college has a protected campus where outsiders are not allowed to loiter inside the campus during the working hours. Hence, we would like to submit that if any case related to sexual harassment arises inside the campus the authority, in consultation with the committee for resolving such issues, will deal with it strictly as per the provisions of law and other government bodies.

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?

There is an anti-ragging committee in the college under the chairmanship of the Principal of the college. This committee has been entrusted with the power to deal rigorously with the students found guilty of involvement in ragging. However, no incident of ragging is reported to the authority of the college or the anti-ragging committee.

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

The institution has a few welfare schemes for the students namely student aid fund, LIC (GIS) insurance, adopted village, pure drinking water

scheme etc. The economically poor students of the general category are provided with financial assistance under this scheme of student aid fund. Under LIC (GIS) scheme any regular student of the college is provided insurance coverage upto 20,000 in case of accident or some other unfortunate events. The institute has put emphasis on the availability of pure drinking water to all its students after serious consideration of fact that the water of Titabar, the place where the college is located, contains high level of arsenic. It may also be mentioned that the college has taken up the scheme of adoption of a backward village. A village that is backward in many aspect, so far basic facilities are concerned has been adopted by the college which has led to the benefit of its inhabitants including the students of the college who come to the college from the village.

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

The college has an alumni association. The process of registration has been initiated recently. The association, though not registered, has been helping the institution in different ways at different points of time.

5.2 Student Progression

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

Student progression	%
UG to PG	2010-11 38% 2011-12 12% 2012-13 39% 2013-14 46%
PG to M.Phil.	N/A
PG to Ph.D.	N/A
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Nil 2010-11 2011-12 2012-13 2013-14

5.2.2 Provide details of the programme wise pass percentage and

completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

Name of Programme	Year of Completion	Total Number of Students		Pass Percentage
		Appeared	Passed	
B.A.	2009-10	100	75	75
	2010-11	138	85	61.6
	2011-12	188	125	66.5
	2012-13	197	170	86.3
	2013-14	131	107	81.7
B.Sc.	2009-10	10	10	100
	2010-11	8	6	75
	2011-12	21	10	40
	2012-13	41	28	68.3
	2013-14	43	31	72.1

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

The institution helps the progression of the students from UG to PG and other higher levels of education. The authority and teachers constantly encourage students to pursue their vocation with due seriousness. The teachers instruct, inspire and guide the students through almost every step of their UG studenthood at the college. If required they also provide the students with personal study and reference materials. The authority takes every possible step to procure the books required by the departments to impart lessons. The internet facility and subscription to INFLIBNET have opened new and latest information to all at the college. Such practices and facilities have tremendously helped to facilitate student progression to higher levels of education.

So far student progression toward employment is concerned, the institution offer counselling, through its career counselling cell and the individual teachers. They are informed about the different job opportunities by the cell. Students were given coaching through “Entry into Services” programme for appointment in various government and non government sectors. Sometimes, teachers also try to absorb their students in various private companies through their personal connections and honest efforts.

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

The college offers special support to the students who are at the risk of failure and drop out due to academic pressure or other constraints faced by them. The slow learners are always instructed and guided by the teachers about the ways to cope with the academic pressure of the university syllabus on them. They are told about those ways of comprehending the different components of the course that are expected to be feasible means of comprehension for them. Those who are at risk of drop out, due to low or poor level of academic performance or for economic issues, are helped and instructed in the tutorial classes for improvement. Students are oriented about the creation and maintenance of an academic environment free from all sorts of discrimination so that those students who hail from minority cultural groups do not face any hindrance that may put them at risk of drop out. Further, to prevent the risk of drop out in the case of PH students admitted into the college, the college authority provides such students with the special supports as per government guidelines.

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.

The range of sports, games, cultural and other extracurricular activities for the students is listed below:

Outdoor Games

100 meter race for boys & girls
200 meter race for boys & girls
400 meter race for boys & girls
800 meter race for boys & girls
1600 meter race for boys & girls
4x100 meter relay for boys & girls
Marathan for boys & girls
Long Jump, High Jump, Hop-Step Jump
Discus Throw, Javeline Throw, Shotput Throw
Cricket, Volleyball, Football, Kabaddi, Badminton

Indoor Games

Table Tennis, Chess, Carrom

Cultural Activities

Singing Competition (Solo): Bishnu Rabha Sangeet, Bhupendra Sangeet, Rabindra Sangeet, Jyoti Sangeet, Parbati Prasad Sangeet, Bongeet, Bihi, Ghajal, Bhajan

Group Song

Dance: Modern Creative Dance, Satriya Dance, Bihu Dance and other folk dances of India

Antakshari Competition

Drama: One Act Play, Mime, Mono, Comedy

Literary Events

Debating Competition, Extempore Speech, Recitation Competition, Quiz Competition,

Drawing Competition

Water Colour Painting, Collage Making, Cover Page Drawing, Pencil Sketch, Cartooning, Rangoli Making

Traditional Attire Competition

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University/State/Zonal/National/International, etc. for the previous four years.

Year	Achievements	Level
2010-11	Nil	
2011-12	Nil	
2012-13	3 rd Prize in Jyoti Sangeet Competition in Dibrugarh University Inter College Youth Festival 1 st Prize in Kaziranga University Walkathon	University Level State Level
2013-14	Two Gold Medal, One Silver Medal and One Bronze Medal along with Best Fighter Boys Trophy in Taekwondo Competition 2 nd Dibrugarh University Inter College Taekwondo Competition, Namrup College Prince Mio was selected on behalf of Dibrugarh University to Participate in the Inter University Taekwondo Competition Held at Chennai Bronze Medal in Rangoli Making Competition Dibrugarh University Inter College Youth Festival Jury's Choice Award in Drama Competition Dibrugarh University Inter College Youth Festival 1 st Prize in Kaziranga University Walkathon	University Level National Level University Level University Level State Level

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

The college seeks and collects data and feedback from its graduates both in written and verbal forms. The alumni of the college hold meetings from time to time and the views of the former students are conveyed to the

institution or the teachers either formally or informally. The relevant suggestions of the graduates are considered for quality enhancement in the areas where the college is lagging behind. Further, the suggestions of the employers for improvement of the performance, quality and efficacy of the institutional provisions are welcomed by the college as valuable recommendations. All possible efforts are made to fulfill the suggestions/demands of the stakeholders from graduates to employers.

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

The college publishes the annual student's magazine *Nandanian* every year. There is a magazine committee in the college to which an efficient teacher is nominated as in-charge. This committee approaches and request the students of all the semesters to contribute creative/ critical writings to the annual college magazine. The teacher-in-charge and other teachers of the college encourage the students to express their views, opinions and feelings through creative and critical writings. This humble effort by the teachers has led to the involvement and encouragement of the students in writing and publication of their various materials in the college magazine. Besides, the departments of the college have their departmental wall magazines that are released with writings of the students in each semester. The teachers of the individual teaching departments encourage and guide their students in writing poems, short stories and articles for display at the wall magazines. Moreover, some students of the college are also encouraged to contribute their writings to the literary supplements of the daily news papers. Further, the Department of Assamese brings out its annual journal *Navonmesh* having ISSN that also publishes research papers by the students.

Year	Department	Publication
2010, 11, 12, 13	College	<i>Nandaninan</i> (Annual Magazine)
2012, 13	College	<i>Nandanik</i> (Hand written Magazine)
2011, 12, 13, 14	Assamese	<i>Jonbiri</i> (Wall Magazine)
2010, 11, 12, 13, 14	Assamese	<i>Navonmesh</i>

2011, 12, 13, 14	Assamese	<i>Alokananda</i> (Hand written Magazine)
2013, 2014	Mathematics	Mathematica (Wall Magazine)
2013, 20	Political Science	Sristri (Wall Magazine)
2013, 14	Zoology	Panchajanya (Wall Magazine)
2012, 13, 14	Geography	Kishalaya (Wall Magazine)
2011, 12, 13, 14	Education	Jnanam (Wall Magazine)
2013, 2014	Education	Alok Sandhani (Hand Written Magazine)
2014	English	Touchstone (Wall Magazine)

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

The college has a Students' Union (*Chatra Sangha*) in which all the students of the college are members. The principal of the college has to officiate as the President of the Students' Union as per its constitution. However, he may nominate/depute a permanent teacher of the college to discharge the responsibility of the president. The Executive of the Students' Union comprises twelve other portfolios that are:

- Vice President
- General Secretary
- Assistant General Secretary
- Music Secretary
- Debating Secretary
- Major Games Secretary
- Boys' Common Room Secretary
- Girls' Common Room Secretary
- Magazine Secretary
- Social Service Secretary
- Festival Secretary
- Class Representatives from the various classes of the college

Besides, there are 8 teachers in-charge of the different portfolios to monitor the activities of the secretaries under their guidance. The secretaries of each of the portfolios are elected for tenure of 1 year by the students of the college in the general election of the college held each year. The Students' Union devotes its efforts and attention for the good health, collective life and development of the mental and spiritual aspects of students' life in addition to the development of the academic facilities for them. The fund for the union is usually generated by the college authority with the help of the students' union fee of the students who are members of the students' union. However, with due permission of the principal of the college, the executives of the students' union may undertake actions like receiving donation, organizing cultural

function etc. for generating additional fund for the Students' Union.

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

The students of the college have their representatives on some important committees/ cells of the college. The IQAC of the college has the Vice President of the Students' Union, who is appointed by designation to represent the students. In some other committees the students are represented indirectly through the president or teacher in-charge of different portfolios of the Student Union. The committees/cells that have indirect representation of the students are Academic Council of the institution, Students' Grievance and Redressal Cell, UGC Planning Board and College Development Committee. It deserves mention, in the context of student representation that the Governing Body of the college that is the highest administrative body of the college, has three guardian members in it. These three guardian members, whose nomination to the Governing Body is formally approved by the DHE, Assam, represent the concerns of the students in the Governing Body meetings.

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

The institute has a good network with its alumni and former teachers. The alumni of the college keep themselves informed with the new developments and initiatives of the college. They maintain a cordial relation with teachers and staff of the college and share their views and opinions. The alumni played a vital role in the celebration of golden jubilee year of the college by helping the authority in the smooth conduction of the different events to mark the milestone year. The former teaches too keep a close touch with the college. They are invited to the different functions and programmes of the college from time to time. The teachers' unit of the college always maintaining a harmonious relation with the retired teaches of the institution. As a goodwill gesture to them, it requests their gracious presence at different events organized by it.

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

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

Vision

The institution is committed to provide excellent infrastructure with modern facilities and impart quality education for enriching knowledge, skill and personality conducive for life time enrichment and welfare of the society.

Mission

To provide an environment in which its pupils can discover, examine, preserve and transmit knowledge, wisdom and value that will help to ensure the survival of present and future generations with enrichment in the quality of life.

The mission statement of the institution clearly addresses the needs of the contemporary society in terms of by transmitting knowledge, wisdom and value which tries to ensure the survival of society with significant improvement in the quality of life. The institute aims to serve all its students coming from different sections and backgrounds of the society and puts particular emphasis on the upliftment of the student from under privileged categories. The mission and vision of the institution define its tradition and commitment for a better future through the emphasis on inculcating social responsibility, spirit of team work and sense of cooperation, leadership quality and helping attitude and realization of the importance of education in the students.

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

Governing Body

Governing Body is the top management body of the institute and it discusses different matters related to quality and strategies in overall aspects of the college. The Governing Body authorizes the Principal, who is also the secretary of the Governing Body, to formulate a quality policy of the institution that reflects the mission, vision and other commitments of the institution to all its stakeholders. Governing Body takes resolutions for the development of academic and infrastructural facilities in conformity with the quality policy of the institution. The results of the University examinations are informed in the Governing Body meeting by the principal. The distribution and utilization of funds obtained from various sources in upgradation of infrastructure facilities are considered and reviewed by the

Governing Body from time to time. Governing Body also recommends and resolves in the matters of appointment of qualified teachers to the college.

Principal

The Principal is the executive head in the institution. He plays a crucial role as Principal of the college and secretary of its Governing Body in designing and implementing the commitments expressed in the quality policy as well as the mission and vision of the college. All curricular, co-curricular and extracurricular activities of the college are implemented and monitored by the Principal in consultation with Governing Body, Vice Principal, IQAC, different committees and the faculty members. Further, all the academic matters of the institution are discussed in the staff meeting called by the Principal. He also takes initiatives for the creation of effective teaching-learning infrastructure such as ICT based classrooms, e-library, internet facility, purchase of text and reference books etc. Principal of the college also assesses the areas and concerns in which the college is lagging behind and adopts proper steps as required.

Faculty

The quality policy is framed by the authority in consultation with the faculty members. They are requested by the Principal in staff meetings to put forward their views and opinions regarding the components of the quality policy. They are requested to offer their suggestions regarding the quality policy and other relevant issues either to the Principal or to the IQAC. The teachers are exhorted by the authority to give in their maximum effort towards implementation of the quality policy.

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 Principal as the academic and administrative head of the institute takes initiatives for development, creation/ upgradation of necessary academic and infrastructural facilities needed for fulfilment of the stated mission. The Principal in consultation with the faculty members plans all the activities to achieve academic excellence. To assist him, in monitoring the academic activities, the authority appoints two academic Vice Principals. The administrative Vice Principal assists the Principal in carrying out different

administrative responsibilities. The Academic Vice Principals help the administration in different evaluation and examination related activities. In addition, the HoDs of all departments co-operate the Principal in accomplishment of the stated mission. Utmost importance is given in ensuring that the commitments given in the quality policy are fulfilled.

At the beginning of each academic year, the principal organizes a staff meeting where action plan for the year is shared by the Principal with the staff. The various committees plan different programmes in line with the mission, quality policy and action plan of the college. For example, the Academic Planning and Monitoring Committee draws its action plan for effective implementation of the curriculum.

For better planning and analysis of the requirements of the college, the institution takes initiatives to interact with stakeholders by organizing meeting with them. During the guardians' meeting, the academic issues of the college are conveyed to them and their suggestions for upliftment of academic environment are taken into consideration. The alumni association organizes alumni meet from time to time and gives suggestions for the development of the college and also helps financially for smooth conduction of some affairs. Moreover, a few departments also organize alumni meet and takes suggestion/donation from them. Feedback from students is collected annually and the findings of the feedback analysis done by IQAC are considered by the authority.

The authority takes necessary steps for receiving proper support for policy and planning through need analysis. The Principal addresses the need based areas like library facility, internet facility, drinking water facility, toilet facility etc.

To reinforce the culture of excellence, the IQAC of the college is entrusted with the responsibility to frame required policy and forward suggestions. IQAC accordingly has made commendable suggestions on upliftment of the academic facilities like ICT based classroom, modernization library facility, renovation of science laboratories, construction of spacious computer laboratory with sufficient computer units, proper framing to office staff etc.

In respect of organizational change, the Principal has appointed two academic Vice Principals to monitor and implement academic activities. The authority has engaged senior and experienced teachers for smooth conduction of examinations. Some administrative responsibility has been transferred to some committees under his chairmanship. In short, the Principal has done much towards de-centralization of power, particularly academic power by adopting a flexible policy in this regard.

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 Governing Body of the college evaluates the policies and implementation of the same in its sittings. Further, to ensure effective implementation of the policies and plans, the authority organizes staff meeting, meetings with stakeholders from time to time and takes feedbacks from them. The inspection committee, formed in line with UGC guidelines, also monitors the major construction works and gives suggestions for effective utilization of the fund.

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

The top management of the institute is Governing Body. The Governing Body authorizes the Principal to take decisions and initiatives for academic excellence. The Governing Body appoints two academic Vice Principals from Arts and Science stream to assist the Principal in respect of the academic activities of the college. The Principal leads from the front and extends every possible support for the academic upliftment of the institution. The authority also appoints a senior faculty member as Asst. Officer In-charge to ensure effective execution of the university as well as internal examinations related activities. HoDs of all departments take the responsibility of proper implementation of departmental curricular activities.

6.1.6 How does the college groom leadership at various levels?

The college makes every effort to groom leadership at various levels. The Principal trusts and gives responsibility to IQAC, Vice Principal, Academic Vice Principals, HoDs and the Librarian to function independently for the effective implementation of various plans. The HoDs distribute specific responsibility to faculty members related to activities of the department. The Principal constitutes various committees for ensuring successful implementation of curricular, co-curricular & extracurricular activities of the institution. The Principal assigns various tasks related to administrative activity to staff members for proper functioning of the administration. He accepts for consideration all suggestions given to him by staff either formally and informally and tries to establish a system of participatory governance.

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

The college gives full authority and operational autonomy to the departments in all activities related to efficient implementation of the curriculum. This includes selection of major students. Internal assessment,

attendance, teaching aids, procurement of books, chemicals and equipments etc.

The institute always works towards decentralized governance system. The Principal distributes administrative responsibility to Vice Principal and academic responsibility to two Academic Vice Principals. The Principal also entrusts some of the examination related duties to a senior faculty member. For proper execution of curriculum, the Principal gives full autonomy to the HoDs.

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

The college promotes a culture of participative management. The different academic activities and progress of plans and policies are discussed in the Governing Body meetings. The Principal also holds meeting with teaching and non teaching staff regarding implementation of plan and policies of the college. The Principal invites the HoDs for discussing different vital issues related to curriculum from time to time. The HoDs discuss important matters regarding academic activities with the faculty members in the departmental meetings. The IQAC under the chairmanship of the Principal keeps in touch with entire teaching and non teaching staff and keeps them informed about different plans and actions related to internal quality. Views and opinions are sought by the management from all stakeholders of the college and the same is considered when formulating the different policies and fixing the priorities of the institution.

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?

The institute has a formally stated quality policy which reiterates the vision and mission of the college. The quality policy is developed by the authority in consultation with some other stakeholders of the institution. While finalizing the issues to be expressed in the policy the thrust areas where the institution puts heightened emphasis are considered. The policy expresses the commitment of the institution towards ensuring and maintaining a definite standard in certain specific areas related to academic quality, infrastructure, an environment for carrying out research as well as safeguarding the interests of the students, teachers and the staff irrespective of gender, class, caste and community. The quality policy is circulated and displayed at all vital locations of the college and reviewed from time to time. If certain difficulties are noticed in the implementation of some commitments expressed in the policy, the authority and the other stakeholders hold meetings to discuss the problems and to find out the ways to resolve such difficulties.

6.2.2 Does the Institute have a perspective plan for development? If so,

give the aspects considered for inclusion in the plan.

The institute has a perspective plan for development envisioning of short term as well as long-term goals.

The basic aspects that are considered for inclusion in the plan are:

- Upliftment of teaching-learning process.
- Upgradation of existing infrastructural facilities and creation of new infrastructure on priority basis.
- Development of Research facilities.
- Maintenance of the campus.

6.2.3 Describe the internal organizational structure and decision making processes.

The internal organizational structures of the college comprises various bodies, committees and sub committees. They facilitate smooth functioning of different activities. Governing Body is the top management of the institute which is formally approved by DHE, Govt. of Assam. The Principal is the executive head of the institute who implements the resolutions of the Governing Body, takes decision on other academic and infrastructural activities and looks into the financial matters of the institution. The Principal entrusts responsibilities to the Vice Principals. Both Principal and Vice Principal direct the HoDs, Librarian, Office staff, Hostel Warden, Canteen Supervisor etc. for smooth conduction of curricular, co-curricular and extra-curricular activities of the institution. The sub committees draw their action plans, execute these accordingly and apprise the authority from time to time.

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

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

Teaching & Learning

The institute takes a number of measures for quality improvement of teaching-learning process.

- To encourage faculty members in respect of:
 - (a) Attending orientation/ refresher programme.
 - (b) Participating in Regional/ National/ International seminar/ workshop.
 - (c) Pursuing doctoral research.

- (d) Publishing research papers in reputed Journals.
- Creation/ Upgradation of academic infrastructure including ICT based class rooms, laboratories, internet facility, library facility etc.
- Enrichment of library with new book, e-library facility, INFLIBNET facility etc.
- Procurement of modern pedagogical tools.
- Training for use of ICT based class room to the faculty members.

Research & Development

- To promote research activities, the college has constituted a research committee comprising of a few experienced faculty members who have exposure to research. The committee in association with IQAC, conducts training programme on preparation of research project proposal and research report. The committee also gathers information regarding various funding agencies, communicates the same to the faculty members and encourage them to submit research proposals to it before submission to funding agencies. The committee gives suggestions for necessary corrections and modification if needed. Moreover, the committee urges the authority to provide necessary facilities to carry out research work by the faculty members. In addition, the committee suggests the departments to involve students in research activities in the feasible and relevant areas of knowledge.
- The committee encourages the departments to organise national/ international seminars and to establish linkage/ collaboration with reputed research organisations/ institute for promotion of research.

Community Engagement

The college organised several programmes engaging different committees in association with different government organisations, NGOs, Teachers' Unit, Women's Cell, NSS, NCC Unit and IQAC which are listed below

- Awareness programmes on AIDS, Cancer, environment sanitation, legal aid to women, unset to poverty etc.
- Workshop on toy making, food preservation, preparation of indigenous cake, pickle preparation etc.
- Programme on minor health check-up, cancer check-up, eye check up etc.
- Organisation of disaster management programme, women empowerment programme etc.
- Upliftment of socio economic status of adopted village.

Human Resource Management

The institution adopts a participatory and all encouraging strategy in respect of its human resource management. In all the vital decision making process the institution involves its human resource that is the faculty members and staff and seeks their suggestions and positions on the vital issues. So far governance

and leadership are concerned a decentralized strategy particularly in the area of academic issues is preferred. The various academic committees, sub-committees, groups, clubs, examination committees indicate the commitment of the institute towards participatory strategy for academic achievement and human resource management. All matters of academic and financial benefits of the teachers are given due attention as and when the matters of benefit arise. In short, the institute takes care that its human resource management meets the expected standard of a higher educational institution.

Industry interaction

The authority encourages the departments to have interacts with industry.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

The head of the institution ensures availability of adequate information for the top management and stakeholders in the following ways:

- By holding periodical meeting to review the progress of the college.
- By holding meeting with both teaching and non teaching staff.
- Through interaction with students and also through student feedback analysis.
- Through discussion with neighbouring institutes and individuals.
- Through the reports of guardians' meet organised by departments.
- Through interaction with alumni.

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

The management encourages involvement of staff members in improving the effectiveness and efficiency of the institutional processes by:

- Appointing the staff members in various committees.
- Giving full freedom to work effectively and efficiently.

For improving the effectiveness and efficiency of the institutional processes, the management supports the staff members by providing

- Uninterrupted power supply
- Internet facility
- Library facilities including photocopy, e-resources
- ICT based class rooms
- Modernised laboratories
- Training on various professional matters

6.2.7 Enumerate the resolutions made by the Management Council in

the last year and the status of implementation of such resolutions.

Governing Body's Resolutions in the last year:

1. Resolved that following the retirement of Sri Tankeswar Pathak, Vice Principal of this college, Sri Tridiba Gogoi, Senior most Associate Professor and Head of the Department of Assamese be appointed as Vice Principal of the college and Director of Higher Education of Assam be urges as upon to accord necessary approval for the same.
2. Resolved that the senior most Associate Professor of the Department of Zoology, Mrs. Kalpana Saikia who has been serving the college since 01-01-1978 be appointed as Head of the Department of Zoology of N. N. Saikia College, Titabar against the vacancy caused by the retirement of Dr. Dilip Kr. Kalita, Head of the Department of Zoology of this college on 31-05-2013.
3. a) Resolved that Mrs. Mitali Chetia, a SET qualified OBC candidate who is selected by the selection committee for the OBC/MOBC reserve category of post be appointed as Asst. Professor in the Department of Zoology of this college against the vacancy caused by the retirement of Sri Dibya Kamal Mazinder, Vice Principal and Head of the Department of Zoology and the Director of Higher Education, Assam be requested to accord necessary approval to the appointment.
(b) Resolve that Mr. Swagatam Devnath, a SET qualified candidate who is selected by the selection committee for the unreserved category of post be appointed as Asst. Professor in the Department of Physics of this college against the vacancy caused by the retirement of Sri Prabhat Chandra Phukan, Vice Principal and Head of the Department of Physics and the Director of Higher Education, Assam be requested to accord necessary approval to the appointment.
4. (a) Resolved that the senior most Associate Professor of the Department of Geography, Mr. Noren Deka who has been serving the college since 01-02-1979 be appointed as Academic Vice Principal of the college for Arts Stream.
(b) Resolved that the senior most Associate Professor of the Department of Zoology, Mrs. Kalpana Saikia who has been serving the college since 01-01-1978 be appointed as Academic Vice Principal of the college for Science Stream.

All the resolution, except 3(b), have been already implemented. The resolution no. 3(b) could not be implemented because of some procedural difficulty at the level of the DHE, Govt. of Assam.

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 institute has not yet initiated any step towards attaining 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 institute has a Grievance Redressal Cell to promptly attend and resolve the grievances/complaints. The cell properly arranges meeting as and when needed and takes necessary measures in consultation with the Principal in respect of the logical and relevant complaints reported to it.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No

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 institute has a mechanism to have feedback from students annually in various aspects including the institutional performance. The results of feedback from students are analysed and the suggestions made in the feedback are considered for initiating steps for the improvement of the institutional performance. The enlargement of the library reading room, free internet facility to the students, construction of a new common room for the boys, and appointment of part time staff in both teaching departments and the office are some of the outcomes and responses of the college to the analysis of feedback from the students on institutional performance.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

The institute takes a number of measures to enhance the professional development of the teachers and non teaching staff.

- Permission for participation in Orientation and Refresher course.
- Encouragement for organization/participation/presentation in National/International seminar/conference/workshop/symposia etc.
- Encourages faculty members to pursue Doctoral research.
- Motivates faculty member to submit major/minor research project to different funding agencies.
- Upgradation of library.
- Extension of internet facilities to all departments and offices.
- Computer skill development for non-teaching staff.
- Training on record keeping/file/office management.
- Releases the teachers to join training programme organised by the university on newly introduced courses.
- Permission to and release of the teachers to join the Zonal examination center for evaluation of Dibrugarh University undergraduate examination answer scripts.
- Deputation of senior and experienced faculty members to conduct practical examinations as external experts at other institutions.
- Allows the teachers to engage themselves in different social service activities including delivery of lectures as resource person at different forums.
- Permission to teachers to participate in activities organised by Assam College Teachers Association/ All India Federation of University & College Teachers' Organisations.
- Permission to the office/ non teaching staff to participate in various programmes organised by All Assam College Employees' Association.

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?

Keeping in view the changes in syllabus, the needs for the development and empowerment of faculty in terms of knowledge are assessed from time to time by the institution. Departmental effort has been made to meet the emergent requirements in consultation with the concerned authorities. For faculty empowerment through training and retraining aimed at motivating the employees for their assigned responsibility some programmes are organised at the institution. Some such programmes are training and demonstration classes and invited lectures by experienced and reputed resource persons from outside the campus. The institution also facilitates short term exposure of the faculty to latest and advance subjects of knowledge by enabling their access to leading research centers of the region or the state. The institute deputed faculty members to join workshops and trainings organised by teaching departments of the affiliating universities for

the newly introduced units or papers of the undergraduate curriculum. The college also motivates the faculty to discharge their assigned responsibility by providing adequate infrastructural facilities and resources in the forms of books, journals, e-resources etc. to the best of its capacity. The management of the college also gives liberty and autonomy to a considerable extent to the faculty to make certain academic decisions that may prove useful for academic empowerment of the employees, specially the teachers.

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.

Performance appraisal of the faculty is done from time to time that evaluates the activities (academic, social and administrative) of the faculties. The performance of the faculty members is assessed under the different headings as per the guidelines of UGC and Government. The faculty is requested and informed to go through the different guidelines devised by the higher authorities fixing/allotting points for different activities performed by them. The faculty members need to submit to the office of the college the certificates and other relevant documents pertaining to their participation in different academic and social activities permitted by the college and permissible by other higher authorities. The teachers also need to submit their certificates awarding the higher educational degrees of M.Phil and Ph.D. This practice of submission of certificates helps in capturing and considering the information for better and effective appraisal of the teachers' performance.

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 outcome of the review of the performance appraisal reports by the management is usually positive that benefits both the institution and the concerned teachers. Generally, the major decisions taken on the basis of performance appraisal are resolutions of the Governing Body recommending financial and other service benefits to the faculty members like increments for M.Phil, Ph.D., promotion in AGP and promotion from Asst. Professorship to Associate Professorship. These reports and decisions of the management are communicated to the higher authority through proposals that are confidential in nature and the concerned teachers can get the same from the office records.

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?

At present the institution does not have any welfare schemes for teaching and non teaching staff.

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

The institution does not take any measure for attracting eminent faculty as most of the recruitments are of the starting level that is as Asst. Professor of various subjects. However, for retention of qualified and talented teachers a liberal and all inclusive environment that aims to achieve maximum teacher involvement in every aspect of the institution is created. To retain the esteemed teachers the matters of financial benefits like increments, promotion to higher AGP and other benefits are always given priority and proper attention by the college authority. Academic facilities from library to laboratory and possible research facilities are provided to the teachers for their satisfaction and retention.

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 institution has a construction committee that monitors the use of financial assistance received from Government of Assam and UGC towards upgradation, renovation of existing facilities and creation of new infrastructure. The internal and external auditors also monitor and check the use of available financial resources of the college. The Governing Body also takes account of the expenditure made by the institute for various activities.

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 auditor is appointed by the Governing Body of the college after completion of a financial year. Generally the internal auditor audits the accounts in the month of June-July and submits audited statement with comments about irregularity if any. Internal audit was done after the financial year 2012-13. The process of audit is going on for the last financial year, i.e. 2013-14.

The external auditor is appointed by the Audit Department, Govt. of Assam. The external audit was done during the month June-November, 2012 for the financial year 2008-09, 2009-10, 2010-11 and 2011-12. Final report is awaited.

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 institution generates some fund from the fees collected under

different heads from the students at the time of admission on annual basis. Fee is collected from them for college development, campus maintenance, classroom maintenance, electricity dues, computer maintenance etc.

The earnings from the students are utilized on need based priority and generally deficit of funds are avoided. If deficit occurs then the college has to wait for the next academic session to meet the deficit.

The college has one fixed deposit of Rs. 80,000/- as reserve fund for the tenure of 3 years with effect from 6-12-2011 at UBI, Titabar branch.

The internal audited reports for the financial years 2010-11, 2011-12, 2012-13 are mentioned below. The accounts of the last financial year 2013-14 is proposed to be audited in the month of June, 2014 and will be submitted as soon as the audited report for the same is available.

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

The institution has not received any additional funding so far.

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 established an Internal Quality Assurance Cell (IQAC). The institution is committed to ensure quality in all academic and administrative affairs. It has express its commitment to quality service through its prospectus, quality policy and such other policies and action plans that are framed and reviewed from time to time. IQAC of the college has played a major role in regard of quality assurance. The cell is active in and alert about the means of quality improvement. It maintains a close touch with the authority of the college and other stakeholders. The IQAC reviews almost all the academic strategies of the college and gives its suggestions to the concerned authority regarding the areas to be emphasized for further improvement of the institutional qualities. The IQAC requests the teaching departments of the college to initiate certain steps for the interests of the students so that they can receive the benefits of the academic provisions of the college. The cell circulates notices whenever necessary to attract the attention of the teachers and non-teaching staff of the college for smooth conduction of some of its courses of action. One of the major areas where IQAC has been playing a vital role is the analysis of the feedback of the students on the academic aspects

of the college. On the basis of the analysis it submits its report to the authority regarding the strong as well as the weak areas of the academic aspects of the institution.

- 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 following recommendations and decisions made by the IQAC are approved and implemented by the authority:

- To hold departmental seminar in each semester and provide funding if necessary.
- To supply green boards/ white boards in the class room.
- To construct and renovate the laboratories and to introduce laboratory innovations.
- To encourage the faculty members to submit research projects to different funding agencies and to organise national/ international seminars.
- To constitute a research committee to promote research activities among the students and faculty members.
- Campus development by providing the following facilities:
 - (a) Car parking
 - (b) Extended toilet facilities for students and teachers
 - (c) Internal Roads
- To increase the space of the library reading room.
- To provide internet facilities to students and faculty members.
- To appoint Academic Vice Principals for the Arts and Science Stream.
- To display important quotes on the college walls and other important places within the campus.
- To purchase one generator for Science block.
- To provide library and internet facility to the girls hostel.
- Subscription to N-LIST INFLIBNET.

- c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

The IQAC has external members on its committee. It has two external members. One of them represents the society and the other represents a leading educational institution of the locality. The first one gives advices on the ways in which the institution may engage itself in different extension activities for the improvement of the surrounding society. The second one gives different advices about how the institution can improve the teaching-learning mechanism.

- d. How do students and alumni contribute to the effective functioning of

the IQAC?

IQAC of the college collects the feedback from the students regarding the teaching-learning process. It analyses the feedback and requests the authority to initiate corrective measures for improvement in those areas for which valid suggestions are expressed by the students. IQAC also collects feedback from the alumni about the infrastructure and other provisions of college and takes into consideration their concerns and suggestions for overall development of the institution.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

The student and alumni have helped in the functioning of the IQAC. The IQAC holds meetings at regular intervals to discuss and plan about different actions regarding quality enhancement of the institution. The decisions of IQAC are communicated to the different constituents mainly through the IQAC notice board and letters. Sometimes the decisions are verbally informed to the staff as well as students. The IQAC requests each and every member of the college family for complying with its requests regarding supply of relevant data and organisation of some important events like training, workshop, invited lectures etc. The IQAC also engages staff from different constituents of the college through its six monthly news letter *EDUNews*.

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 at present does not have any integrated framework for Quality assurance in regard of academic and administrative activities. However, all the committees, sub-committees and IQAC have representatives from the teaching departments, non-teaching staff and the administration of the college. Besides, representatives from the public and students are also there in a few committees and cells. All these committees, sub-committees and cells keep interacting among themselves about the various academic and administrative provisions and steps of the college and unanimously agree to approach the authority to offer suggestions for assuring quality in the academic and administrative activities of the college whenever deemed necessary.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

The institution provides different training programmes to the staff and faculty members for effective implementation of the quality Assurance Procedures. The details of such programmes are listed below:

Date	Name of the Programme	Impact
4 th June ,2014	Preparation of Research Proposal to Various Funding Agencies and Preparation of Research Report.	Some of the teachers have prepared and submitted MRP proposals to different funding agencies.
11 August, 2014	Preparation of Teaching materials for multimedia classes	The teachers have become motivated to enhance the quality of delivery of the lessons through power point presentations.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

There is no practice, till now, to undertake academic audit of the college. However, feedback on the academic provisions from the students, guardians and citizens' forum are received by the institute from time to time. The suggestions on academic provisions are seriously considered by the authority as well as some other committees/cells of the institution like IQAC for improvement of the institutional activities. The results of the students in different examinations conducted by the Dibrugarh University are submitted to the University in the annual reports of the institution. Further, the academic output is also required to be placed every year before the Ministry of Human Resource Development of the Government of India for information.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The measures and means of internal quality assurance of the institution emphasized and adopted through the IQAC are totally in line with the suggestions and requirements recommended by the external and superior regulatory authorities like UGC, DHE (Assam), and the Dibrugarh University. In matters of administrative standards we follow the guidelines and notification of the DHE (Assam) and UGC served and circulated from time to time. In all academic matters the internal quality assurance mechanism of the

institution are framed as per the UGC and Dibrugarh University regulations. The internal quality assurance mechanisms of the institution are within the purview of the provisions recommended by the regulatory authorities at different points of time through circulars and guidelines. None of the academic provisions of the college has been adopted in violation of the guidelines from these statutory bodies/ councils/ commissions.

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 institution has more than one mechanism in place that continuously review the teaching-learning practices of the institution. There are two Academic Vice Principals who are entrusted with the responsibility to look after the academic provisions. They, in consultation with the Principal and the HoDs, discuss and finalise the dates of internal assessment examination. The HoDs of all teaching departments are also authorized to monitor and review the overall progress of teaching-learning process of the departments. The course coordinators of the different courses of each of the departments, as finalised by the HoDs, also take care of the progress of teaching-learning progress within the semester bound time frame. The IQAC of the college plays a crucial role in reviewing, monitoring and implementing the teaching-learning process of the entire institution irrespective of streams and departments. The IQAC constitutes the Principal as its chairman, two external members, eight faculty members from different departments of the college, one representative from the staff, one student representative and a coordinator. The IQAC monitors the entire teaching-learning process of the college and operates for the holistic development of the faculty as well as the students of the college. As a result of the constant effort undertaken by the IQAC the teaching-learning process of the institution has undergone some changes that have improve the institutional provision in respect of teaching-learning and other allied areas of pivotal importance.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The mission, vision and objectives of the college expressed in the annual prospectus communicate its commitment to quality education. The different policies adopted for quality assurance are reflected in the annual quality policy formally declared and displayed by the Principal for the information of all the stakeholders of the college. A few quality assurance mechanisms are in place in the institution that formally works towards quality assurance and maintenance. The academic committee, the admission committee, the research committee, the internal assessment committees are

some of the committees that are entrusted with the responsibility to ensure the desired standard so far quality assurance is concerned. The IQAC also plays a significant role in communicating the quality assurance policy and steps to the various internal and external stakeholders. The outcomes of the institutional quality assurance policy and strategy are communicated to the internal and external stakeholders through the guardians' meeting, annual reports to the affiliated university and such other higher bodies in the form of confidential reports. Further, if any one approaches the proper authority seeking information on the policies meant for ensuring institutional quality, they are informed about different provisions in this respect. The college website www.nnsaikiacollege.com also communicates some of the policies and mechanisms of the institution to the stakeholders.

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

No

CRITERIA VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

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

The college has not conducted a Green Audit of its campus and facilities till date as there is hardly any practice inside the campus that is unsafe for environment. A mere look or survey of the botanical plants and trees inside the campus reveals this fact about the campus. Besides, the Nature Club of the college and the authority takes measures, as frequently as possible, for maintenance of the campus as eco-friendly. The lichen indicator on the trees of the campus is a sufficient marker of the eco-friendly environment prevailing inside the campus. Further, almost all the trees and plants that have medicinal values bear name plates that denote their local and scientific names which in turn create awareness about their importance and preservation in the minds of those associated with the institution.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- * Energy conservation
- * Use of renewable energy
- * Water harvesting
- * Check dam construction
- * Efforts for Carbon neutrality
- * Plantation
- * Hazardous waste management
- * e-waste management

The college makes efforts of energy conservation within the campus. Almost all the class rooms, library, laboratory and office rooms are constructed in such a way that during day time, natural light, coming through the windows and ventilators, is enough to prevent the use of electric energy. Again, in a good number of rooms, particularly the office and departments, energy saving CFLs have been fitted instead of the traditional bulbs and tube lights for the preservation of energy. Silent generator sets (two) have been helpful in lessening air pollution and noise pollution inside the campus and at the same time consume less energy in comparison to some other traditional and old fashion power generating system.

The college has done a good job towards maintaining carbon neutrality in the campus. The botanical plants, herbs and other trees in the campus help in maintaining the ecological balance. Further, the silent generator sets are fitted with exhaust pipes that keep the carbon-di-oxide emitted by the generators away from the environment of the campus.

Plantation

Many rare and medicinal plants are planted in the gardens inside the campus. Different saplings having medicinal values that are helpful for the environment are planted on regular basis on the initiatives of the Nature Club and the college authority. To create an eco-friendly awareness among the students of the college, the NSS and NCC Units of the college have been engaged in organizing some environment friendly programmes. World Environment Day is celebrated each year with active participation of the students, staff and authority to create awareness among all the stakeholders.

Efforts for Carbon neutrality

The college has more trees and plants that make the environment carbon dioxide free.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

The college has introduced several innovative practices during the last four years that have created a positive impact on the functioning of the college. Departmental wall magazine is one of the innovative practices that is conducive to creativity and improvement of quality in the students of the institution. The teaching departments have been entitled to guide their students in contributing to the departmental wall magazines released after every six months. Along with the emphasis on creativity, the development of a scientific atmosphere within the campus that leads to argumentative thinking on the part of the students, particularly the major students has been another innovative practice of the college. The teachers constantly guide and encourage their students to think in the right direction regarding the matters of contemporary relevance in both the science and humanities. Another noteworthy practice of the college is that the teachers maintain a helping attitude towards the students considering the fact that most of the students are from rural and economically poor backgrounds. One of the positive outcomes of this practice is that the students have been encouraged to approach the teachers in matters of their inconvenience regarding the curriculum. This has improves the quality of the students as well as the teaching-learning process of the college. Another innovative milestone for the college is the introduction of the ICT facilities, particularly ICT enabled class rooms within the campus. For a college surrounded by rural areas and vast tea gardens the ICT facility has proved to be a boon in improving the overall quality of the students' performance and the teaching-learning process.

7.3 Best Practices

7.3.1 Elaborate on any two best practices in the given format at page no.

98, 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- I

Title of the Practice

Decentralisation of Power

Goal

The practice has been adopted with a view to ensuring a better functioning of the institution. The institution, being a leading one in the vast and mostly rural locality of Titabar, believes that for smooth and satisfactory delivery of its administrative and academic objectives and responsibilities concentration of various powers in the hands of the authority is a stumbling block. Hence, the authority has adopted the principle to operate through a proper and effective decentralisation of power. This mode of operation has been embraced keeping in view the examples of some of the leading institutions of higher education in the state as well as the country that have achieve tremendous success by adopting similar practices.

The Context

The most particular feature of this practice in the context of the institution is that it has ensured a fair representation of all the teaching departments in the academic and administrative affairs of the college. So far challenges are concerned, the authority found it burdensome to look after each and every activity of the institution whether academic or administrative singlehandedly in the wake of increased responsibilities of the present day scenario of higher education where the expectations from the students, public and higher authorities have gone up unprecedentedly. Another challenge that had to be overcome in designing and implementing this practice was the selection of the right person for the right responsibility in the presence of so many senior and experienced faculty members of the college whose level of exposure varies for the different responsibilities.

The Practice

In order to share his responsibilities, both administrative and academic, the Principal of the college has constituted a number of committees, sub committees and clubs. In each of such committees he appoints a convener or a coordinator and a few members. In some of these committees, which look after some vital aspects of the institution, the Principal himself is the chairman. The constitution of these committees is based on the discretion of the authority as well as the suggestion offered by some experienced and senior teachers of the college. The committees are entrusted with the responsibilities

to take decisions and place the same before the authority if they need the consideration of the authority for final approval. In cases where these committees can act autonomously, the decisions of the committees come into force from the notified dates. The various committees along with their chairperson/ coordinator are as follow:

Academic Council

Chairperson : Dr. Litoool Baruah, Principal
Co-ordinator : Vice Principal (Admn)

Academic Planning and Monitoring Committee

Chairperson : Mr. Tridiba Gogoi, Vice-Principal (Admn)
Vice-Chairperson : Mr. Naren Deka, Academic Vice-Principal (Arts)
Mrs. Kalpana Saikia, Academic Vice-Principal (Science)
Convener : Dr. Budhindra Nath Saikia

UGC Planning Board and College Development Committee

Chairperson : Dr. Litoool Baruah, Principal
Co-ordinator : Dr. Mrinal kumar Baruah

Library Committee

Chairperson : Vice Principal (Admn)
Co-ordinator : Librarian

Research Committee

Chairperson : Dr. Litoool Baruah (Principal)
Convener : Dr. Mrinal Kumar Baruah

Admission Committee (Arts)

Chairperson : Dr. Litoool Baruah, Principal
Vice- Chairperson : Vice Principal (Admn)
Co-ordinator : Mr. Naren Deka, Vice Principal Academic (Arts)

Admission Committee (Science)

Chairperson : Dr. Litoool Baruah, Principal
Vice- Chairperson : Vice Principal (Admn)
Co-ordinator : Mrs. Kalpana Saikia, Vice Principal Academic (Science)

Internal Quality Assurance Cell (IQAC)

Chairperson : Dr. Litoool Baruah, Principal
Co-ordinator : Dr. Devaprotim Hazarika

Students' Grievance and Redressal Cell

Chairperson : Vice Principal (Admn.)
Co-ordinator : Mr. Bhuban Ch. Talukdar

Website Committee

Chairperson : Dr. Litoool Baruah (Principal)
Co-ordinator : Dr. Hemen Sarma

Alumni Committee

Chairperson : Mr. Tridiv Gogoi (Vice Principal, Admn.)
Co-ordinator : Mr. Budhin Dutta

Extension Activity Committee

Chairperson : Dr. Litoool Baruah (Principal)
Co-ordinator : Mr. Joy Prakash Oza

Career Counselling Cell

Convener : Dr. Dusmanta Kumar Sut

Canteen Committee

Chairperson : Dr. Litoool Baruah
Coordinator : Mr. Hemendra Thengal

Nature Club

Convener : Mr. Hemendra Thengal

Debate Club

Convener : Dr. Jonali Saikia Borkakoty

Committee for Resolving Issues Pertaining to Sexual Harassment

Chairperson : Dr. Litoool Baruah
Convener : Mrs. Sewali Dutta

Anti-Ragging Squad

Chairperson : Dr. Litoool Baruah
Convener : Mr. Gunaram Nath

One of the main principles that is given utmost importance in the formation of these committees and clubs is the Indian ideology of sharing the responsibilities with peers that has been a unique feature of the Indian traditional culture which is followed by almost all higher educational

institutions in India. The committees hold meetings whenever it is necessary to take important resolutions and the proceedings are recorded for future reference.

In this way decentralisation of power has been implemented by the institution. However, implementation of this practice is not without some constraints. Sometimes some of the programmes arranged or planned by the committees get affected by the frequent bandh calls called by different organisations.

Evidence of Success

The practice has yielded positive results in most of the cases. The governance, both academic and administrative, of the college has been satisfactory so far. Most of the committees have been discharging their responsibilities well, overcoming the financial constraints at times. As a result of the distribution of power to various committees and sub committees the authority has been able to ensure better outcomes in respect of the overall administration of the institution. The Academic Vice Principals (Arts & Science) finalise the dates of various academic activities like sessional examinations, submission of the question papers, submission of the final mark sheets of internal assessment etc. They have been of immense help for the authority so far for timely conduction of the academic activities of the institution is concerned. The various committees for internal assessment, formed by the Principal in consultation with the Academic Vice Principals, make sure that the University deadline for submission of internal assessment records are met with. The Heads of the departments are entrusted with the responsibilities to take necessary action for the departmental activities and to invite/ select suitable part time teachers for their departments if there is shortage of teaching staff due to retirement of any senior teacher or some other unavoidable reasons. The Heads by doing so have been ensuring that the coverage of course for different classes is not hampered and the results are not affected due to shortage of staff. The committees for research, academic planning, IQAC, construction etc. have been performing the responsibilities expected from them. To cite one example, the Research Committee has been rendering a commendable service by verifying incorporating corrections, offering suggestions and recommending the research proposals submitted by the individual teachers for different research projects.

Problems Encountered and Resources Required

Sometimes the various activities chalked out by the committees involve expenditure have to be cut down in size due to limited funds. In such cases, the concerned committees cannot arrange and conduct their programmes in the way as originally planned by them. Some of the committees need separate rooms or buildings to operate from that should be well equipped and well

furnished but in this case also due to financial concerns these requirements are yet to be met with.

So far human resources is concerned, the institution does not face much problem as a good number of experienced and talented teachers from various departments cutting across the streams are available to take up the various responsibilities for proper implementation of the practice. However, sometimes the shortage of non teaching staff (Grade IV) due to delay on the part of the Government in filling up these posts poses some difficulties.

Best Practice- II

Title of the Practice

Enhance Emphasis on Teaching Learning

Goal

This practice has been adopted with a view to enabling the students to equip themselves with useful knowledge in this era of pressing academic pressure. In this age of cut-throat competition the greatest challenge for any institution of higher education is to offer its students the opportunity to learn more within limited time which will stand in good stead so far the issue of employability is concerned. The knowledge offered to them has to be comprehensive to sustain the students in the competitive job market. Only then they will be able to stand the tough competition and challenge from their counterparts both in the regional and national level. This practice is based upon such concerns of the institution.

The Context

In recent times the range and scope of higher education has increased unprecedentedly to include anything and everything that falls within the purview of knowledge. The affiliating university, in keeping pace with other institution of higher learning, has incorporated latest courses and topics in the undergraduate syllabus of both the Arts and Science streams. In this context the college is bound to offer the required facilities to its students both in terms of infrastructure and human resource. The college had to address such issues of human resources and infrastructure in designing and implementing this practice.

The Practice

This practice includes imparting course based latest knowledge through qualified faculty as well as setting up of standard infrastructural facilities. A good number of vacant faculty positions cutting across departments have been filled up in recent times to fulfill the need of qualified teaching staff. To offer them a friendly environment several new and well

equipped classrooms and laboratories have been built. Two smart classrooms, a full fledged computer laboratory have already been set up within the campus. An enlarged central library is under construction which is expected to be ready for use both by the faculty and students in the near future. The students of major are guided by the respective teachers to use the smart classrooms and encourage to make power point presentations and participate in different seminars and discussions organised by different forums. The Academic Vice Principals and academic committees of the college are entrusted the responsibility to monitor smooth conduction of the teaching learning process in the campus. Any anomaly in this regard is considered by the authority with due seriousness that this subject demands. All Heads of the departments are also required to monitor the teaching learning process of their departments so that the interests of the students are not affected at any cost. The HODs with this objective appoint course coordinators for various semesters to look after the course coverage and other academic problems of the student fraternity.

However, the institution faces some problems in delivering the objectives embodied in this practice. These problems mainly pertain to financial issues. As the institution is a provincialised one it has to depend on funds from the UGC, Government of Assam and other funding agencies recognized by the government. The construction of required facilities are sometimes hampered or delayed due to non availability of funds or non release of funds by the concern authorities due to unavoidable circumstances. In the wake of such problems the institution at times finds it difficult to offer all the requisite facilities for complete implementation of this practice.

Evidence of Success

The outcome of this practice has been satisfactory so far. Considering the facts that most of the students of the college come from rural, underdeveloped and financially weak backgrounds the result of this enhanced emphasis on teaching-learning can be termed as yielding satisfactory results. Barring a certain percentage of the students, most of them are not advanced students. So the combination of a few advanced a majority of average and some below average students cannot be always expected to pass out with flying colours in all the semesters. Even after these constraints our students have been able to achieve academic excellence in different disciplines in the last a few years. The upward journey of our students towards higher education and research in the universities and other leading institutions bear testimony to our satisfactory implementation and performance in this regard. The review results of this practice indicate that we have to strive more in near future to achieve greater and more satisfactory achievements in the field of higher education.

Problems Encountered and Resources Required

The problems encountered in the way of complete implementation of this practice are mainly financial. The infrastructural requirement involve huge expenditure which the college cannot meet on its own without financial assistance from higher bodies like UGC and State and Central Governments. The delay, in some cases, in the release of already sanctioned amounts also hampers the offering of the targeted facilities. The delay in the recruitment of permanent faculties whenever senior teachers retire from their service is another stumble in this respect. Sometimes the official procedure of taking permission from Government of Assam to fill-up such post takes several months that has adverse effects on the teaching-learning process. In sum, both lack of sufficient and timely release of funds and shortage of teaching staff hamper the performance against the targets of this practice. Although, the institution tries its best to make up the deficiency of regular teachers by engaging part time teachers, it remains helpless so far the financial issues to construct the facilities are concerned.

Evaluative Report of the Departments

DEPARTMENT OF ASSAMESE

1. Name of the department : ASSAMESE
2. Year of Establishment : 1959
3. Names of Programmes / Courses offered : UG in Assamese
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system (programme wise) : Semester Pattern
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses/programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts :

Designation	Sanctioned	Filled
Associate Professors	1	1
Asst. Professors	5	5

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
Tridiba Gogoi	M.A.	Associate Professor	Group-B (Language)	38 Yrs	Nil
Snigdha Rani Rabha	M.A.	Asst. Professor	Group-B (Language)	14 Yrs	Nil
Mrinali Kagyung	M.A.	Asst. Professor	Group-C (Comparative Literature)	9 Yrs	Nil
Bornali Saikia	M.A.	Asst. Professor	Group – A (Literature)	6 Yrs	Nil
Dr. Devaprotim Hazarika	M.A., Ph. D.	Asst. Professor	Group-B (Language)	6 Yrs	Nil
Nijumoni Bonia	M.A., M.Phil	Asst. Professor	Group – A (Literature)	2 Yrs	Nil

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled

- (programme wise) by temporary faculty : There is no temporary faculty
13. Student –Teacher Ratio
(programme wise) :

Programme Name	Year	Ratio
UG- Assamese	2010-11	94 :1
UG- Assamese	2011-12	112 : 1
UG- Assamese	2012-13	95 : 1
UG- Assamese	2013-14	90 : 1

14. Number of academic support staff
(technical) and administrative staff;
sanctioned and filled : There is no support staff
and administrative staff
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
01	01	04

16. Number of faculty with ongoing projects
from a) National b) International funding
agencies and grants received : National - 01
17. Departmental projects funded by
DST-FIST; UGC, DBT, ICSSR, etc.
and total grants received : Nil
18. Research Centre /facility recognized
by the University : Nil
19. Publications:
- * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers
 - * Citation Index
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index

Research papers published in national and international journals (2010

onwards)

Name of the Faculty	Paper		
	Title of the Paper	Name of the Journal with ISSN	Year of Pub
Mrs Snigdha Rani Rabha	Asomia Bhasaloi Ana Aryar Abadan: Ati Alosana	'NAVONMESH', Research Journal On Language, Literature & Culture, Editor: Dr. Devaprotim Hazarika, ISSN 2321-9521, Vol. 1, pp. 15-25	2013
	Rabha Janagosthir Saj-par Aru Aa-Alonkar: Eti Alochana	Madhukori, Published by ACTA, Jorhat Zone, ISSN 2321-189X, Vol. II, pp. 113-119	2013
Mrs Mrinali Kagyung	Assamiya Bhasa-Sahityaloi Misingsakalar Abadan.	Asam Sahitya Sabha Patrika, Vol. 4, pp. 244-252	2010
	Mahapurisar Borgeet: Eti Alochana.	NAVONMESH' Research Journal On Language, Literature & Culture, Editor: Dr. Devaprotim Hazarika, ISSN 2321-9521, Vol. 1, pp. 26-39, 2013	2013
	Loka Utsav: Ali Aye Ligang.	'Madhukaree' AnAcademic Journal of ACTA Jorhat Zone, Dr.Nilima Bora, Annual Journal, ISSN 2321-189X, Vol. II, pp. 99-107	2013
	Mising Samajar Arthanity.	Bartapakhilee, Bhasa-Sahitya-Sanskritir Purnanga Aluchanee, ISSN 2249-9865, Vol. 19, No. 5, pp. 146-148	2013
	Mising Nittomor Eti Aluchana.	Assam College Teachers Association Joynal, Vol. XXXV, pp. 91-99	2013
	Ananda Chandra Baruar Kabya Baichitya	Bartapakhili, ISSN 2249-9865, Vol. 19, No. 7, pp. 288-291	2014
Mrs Bornali Saikia	PadmaNath Gohain Baruar Sarthak Sristi 'GAONBURHA': Eti Aluchana	'NAVONMESH', Research Journal On Language, Literature & Culture, Editor: Dr. Devaprotim Hazarika, ISSN 2321-9521, Vol. 1, pp. 40-53	2013
Dr. Devaprotim Hazarika	Ashir Parawarti Asamiya Byakaran Charcha, pp107-113	Asam Sahitya Sabha Patrika, ISSN	2011
	Asamiya aru Bhojpuri Bhasar Dhanittva: Eti Adhayayan, pp	Swarnalipi, ISSN 2231-0517	2011
	<i>Dr. Diponkar Moralar Bhasa Chinta aru Asamiya Bhasar Upabhasa Charcha</i>	<i>Annvesan</i> , Journal of department of Assamese, Gauhati University, ISSN 2250-2475, Vol. 8, pp. 01-07	2011
	Samprotik Asamiya Kabita: Eti Alochana (1990 r para 2012 loi)	Ninad, ISSN 2249-5142	2012
	<i>Asamiya Bhasar Nrigosthiya Upabhasar</i>	<i>Prantaswar</i> , Published by North-East India Network for Academic	2012

	<i>Samaj-Bhasabojnanik Adhayayanar Dhara</i>	Discourse, ISSN 2231-6760, Vol. 2, No. 1, pp. 73-84	
	<i>Banikanta Kakotir Gaweshana granthar Asamiya Anubad Prasanga</i>	<i>Satsari</i> , ISSN 2319-8893, Vol. 8, No. 3, pp. 48-51	2012
	<i>Asamiya Bhasar Upabhasa Bishyak Charcha (1950-2010)</i>	NAVONMESH' Research Journal On Language, Literature & Culture, ISSN 2321-9521, Vol. 1, pp. 55-66, 2013	2013
Mrs Nijumoni Bonia	Assomar Mrit Shilpo	NAVONMESH' Research Journal On Language, Literature & Culture, ISSN 2321-9521, Vol. 1, pp. 67-78	2013

Articles published in proceedings of seminars conducted in various institutions

Name of the Faculty	Paper		
	Title of the Paper published in Proceeding Volumes	Name of the Proceeding with ISBN	Year of Pub
Mrs Mrinali Kagyung	Misingsakalar Prabajan aru Atmikaran	Proceeding volume of the National Seminar on Migration and Assimilation, Society, Economy, Politics of Assam. ISBN 178-81-89654-19-1(HB)	2010
	Gramanchal Unnayonat Janajatiya Narir Abadan.	Proceeding volume of the National Seminar on Women Issues and Development in Indian Perspectives, Editor: Rashmi Rekha Saikia, ISBN 978-93-5104-434-5, pp. 336-342	2013
	Misingsakalar Sajpar: Parampara aru Paribartan	Proceeding volume of the National Seminar on Uttar-Pub Bharator Loka-Sanskriti, Published by Asian View Dot Net, Sonari College, ISBN 978-81-925499-5-8, pp. 396-405	2013

Book Chapter Published

Name of the Faculty	Chapter in Books		
	Title of the Chapter with page no.	Name of the Book with ISBN	Year of Pub
Mrs Snigdha Rani Rabha	Asomia Bhasat Tirbat Barmi Prabhab	Banikanta Kakoti Prjnya Aru Protibha, Editor: Dr. Dipali Bora	2013
Mrs Mrinali Kagyung	Tulanamulak Sahityat Anubadar Bhumika,	Literary Translation, Editor: P. P. Bora & J. Nath, ISBN 978-93-81689-	2013

		58-5, pp. 139-146	
	Prak-Romantic Stor	Adhunik Assamiya Sahityar Parichay, Editor: Dipen Nath, ISBN 978-93-81784-36-5, pp. 50-73	2013
Dr. Devaprotim Hazarika	<i>Upabhasa Bhogol aru Asamiya Bhasar Upabhasa Adhayayan</i>	Upabhasa Aru Asamar Upabhasa	2010
	<i>Mamoni Raisam Goswami Upanyas " Tez Aru Dhulire Dhusarita Pristha" Pp</i>	Mamoni raisam Goswami: Jivan Aru Sahitya ISBN 13-978-93-82164-10-4	2012
	<i>Nagendra Nath Choudhurir Galpa "Bhag Botowara" eti Parjyalochana, Pp 16-21</i>	Asamiya Chutigalpar Alochana ISBN 978-73-81859-09-04	2012
	<i>Sahitya: Samajniti Bonam Rajniti, pp 312-322</i>	Prospects and Politics and Society ISBN 978-93-82030-20-1	2012
	Asamiya Sahityar Bikasat Sangbad Patra Ary alochanir Bhumika, Pp 152-163	Asamiya bhasa Sahityar Jilingani ISBN 978-81-910937-9-7	2012
	Kakborak Bhasa	Asamar Bhasa ISBN 978-81-922405-6-5, pp. 200-207	2013

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Monographs	Chapter in Books	Citation Index	SNI P	SJR	Impact factor	h-index
Snigdha Rani Rabha	2	0	0	1	0			0	0
Mrinali Kagyung	6	0	0	2	0			0	0
Bornali Saikia	1	0	0	0	0			0	0
Dr. Devaprotim Hazarika	7	0	0	6	0			0	0
Nijumoni Bonia	1	0	0	0	0			0	0

20. Areas of consultancy and

- income generated : Nil
21. Faculty as members in
- National committees
 - International Committees
 - Editorial Boards.... :

Tridiba Gogoi	Member of the Editorial Board of <i>Navonmesh</i>
Snigdha R Rabha	Member of the Editorial Board of <i>Navonmesh</i>
Mrinali Kagyung	Member of the Editorial Board of <i>Navonmesh</i>
Bornali Saikia	Member of the Editorial Board of <i>Navonmesh</i>
Dr. Devaprotim Hazarika	Editor of the journal <i>Navonmesh</i>
Nijumoni Bonia	Member of the Editorial Board of <i>Navonmesh</i>

22. Student projects
- Percentage of students who have done in-house projects including inter departmental/programme

Name of the students	Title of the Project	Year	Supervisor
Mitali Gowala Chayanika Devi Krishnali Borah	Chah Janagusthir Utsab Parbon	2011 – 2012	Mrs. Snigdha Rani Rabha
Binapani das Rimjim Gayan Parismita Bora Anamika Buragohain	Deoghar : Atit Aru Bartaman	2011 – 2012	Mrs. Bornali Saikia
Doly Baruah Pallabi Saikia Gitashree Dutta	Titabar Anchalar Satrasamuh : Ek Adhayan	2011 - 2012	Dr. Devaprotim Hazarika

- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : Nil
23. Awards/ Recognitions received by faculty and students : Nil
24. List of eminent academicians and scientists/ visitors to the department : Nil
25. Seminars/ Conferences/Workshops organized & the source of funding
- National : Nil
 - International : Nil

26. Student profile programme/course wise :

Name of the Course/programme (refer question no. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- Assamese	2010-11	24	16	1 15	66%
UG- Assamese	2011-12	21	19	5 14	95%
UG- Assamese	2012-13	136	36	4 32	100%
UG- Assamese	2013-14	150	38	6 32	

*M=Male F=Female

27. Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG- Assamese	100%	0	0

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			
	2010-11	2011-12	2012-13	2013-14
UG to PG :	35%	40%	65%	30%
PG to M.Phil.				
PG to Ph.D.				
Ph.D. to Post-Doctoral				
Employed	10			
• Campus selection				
• Other than campus recruitment				
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

a) **Library:**

There is a separate library in the department with 250 text books, 2 journals and two monthly journals also subscribed for the library regularly.

b) **Internet facilities for Staff & Students:**

These facilities have been provided by the college.

c) Class rooms with ICT facility

Two class rooms with ICT facility are available in the college centrally.

d) Laboratories

There is no laboratory in the department.

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

Financial assistance from college	Year	Number of students
(Students' Aid Fund)	2010-11	02
(Only major students)	2011-12	04
	2012-13	01
	2013-14	02
Government Scholarship	2010-11	5
	2011-12	3
	2012-13	7
	2013-14	0

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

Seminars conducted by the department (2010- 2014)

Title	Resource Person	Date
<i>Asamiya Bhasar Banan Padhati aru Rup-Gathan</i>	1. Dr. Jogeswar Borah, Ex. Principal, N.N.Saikia College, Titabar 2. Sri Jiten Gogoi, Ex. S. G. Lecturer, Deptt. of Assamese, N. N. Saikia College, Titabar. 3. Dr. Benu Gogoi, Senior Lecturer, Deptt. Of Assamese, J. B. College, Jorhat.	2010

33. Teaching methods adopted to improve student learning

Faculties of the Assamese Department are generally follows these following methods:

- Chalk and talk
- Lecture methods
- Group discussion
- ICT based presentation
- Project work

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

Both the teachers and students of the Department of Assamese are involved in different extension activities in association with the Extension Work Cell, Women Cell etc. of the college. Moreover the teaching members of the Department are individually involved in various extension activities.

35. SWOC analysis of the department and Future plans

Strength:

- Competent faculty
- Departmental library
- A departmental museum
- Wall magazine, hand written magazine and publication of research journal
- Research projects and seminars for students
- Faculties are actively engaged in research activities
- Subscription of research journal and periodicals for the students
- Student mentoring services

Weakness:

- Limited numbers of books in the library
- Insufficient furniture and departmental classrooms.
- Lack of separate space for library and museum.

Opportunity:

- We have six permanent faculty members to work in developing our programmes.
- Faculty members are engaged in research work.

Challenges:

- Lack of fund for the development of the existing museum

Future Plan

- Proposed PG programme.
- A full fledged cultural museum.
- Introducing short term courses for developing language education.
- Organising National Seminar.

Evaluative Report of the Departments

DEPARTMENT OF BOTANY

1. Name of the department	:	BONTANY
2. Year of Establishment	:	1970 as Biology

- but renamed as Botany in 1975
3. Names of Programmes / Courses offered : UG in Botany
 4. Names of Interdisciplinary courses and the departments/units involved : Nil
 5. Annual/ semester/choice based credit system (programme wise) : Semester Pattern
 6. Participation of the department in the courses offered by other departments : Nil
 7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
 8. Details of courses/programmes discontinued (if any) with reasons : Nil
 9. Number of Teaching posts

Designation	Sanctioned	Filled
Associate Professors	3	3
Asst. Professors	2	2

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

Name	Qualification	Designation	Specialisation	No. of years of Experience	No. of Ph. D. students guided for the last 4 years
Anil Kumar Buragohain	M. Sc.	Associate Professor	Angiosperm Taxonomy	27	-
Dr. Suresh Ch. Rajkhowa	M Sc, Ph. D	Associate Professor	Mycology & plant Pathology	26	-
Dr. Malakshmi Dutta	M Sc, Ph D	Associate Professor	Cytogenetic and plant breeding	22	-
Dr. Nazim Forid Islam	M Sc, M.Phil., Ph D	Assistant Professor	Plant Pathology & Microbiology	06	-
Dr. Hemen Sarma	M Sc, Ph D	Assistant Professor	Plant physiology & biochemistry	03	-

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : There is no temporary faculty
13. Student -Teacher Ratio (programme wise)

Programme Name	Year	Ratio
UG- Botany	2010-11	2 :1

UG- Botany	2011-12	5 : 1
UG- Botany	2012-13	6 : 1
UG- Botany	2013-14	10 : 1

14. Number of academic support

staff (technical) and administrative

staff; sanctioned and filled

: Two Laboratory bearer

15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ M.Phil/P.G.:

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
04	01	01

16. Number of faculty with ongoing

projects from a) National

b) International funding

agencies and grants received

: National – 2

17. Departmental projects funded by

DST-FIST; UGC, DBT, ICSSR, etc.

and total grants received

: Biotech Hub funded by

DBT, 43.19 lacs

18. Research Centre /facility recognized

by the University

: Nil

19. Publications:

* a) Publication per faculty

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

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

* Monographs

* Chapter in Books

* Books Edited

* Books with ISBN/ISSN numbers with details of publishers

* Citation Index

* SNIP

* SJR

* Impact factor

* h-index

Research papers published in national and international journals (2010 onwards)

Name of the	Paper		
	Title of the Paper	Name of the Journal with	Year

Faculty		ISSN No.	of Pub
Dr Nazim Forid Islam	Study of fungi associated with decomposition of rice stubbles and their role in degradation of lignin and holocellulose	Mycosphere, DOI 10.5943/microsphere/2/6/3, Vol. 2, No. 6, pp. 627-635	2011
	Screening of mycota associated with <i>Aijung</i> rice seed and their effects on seed germination and seeding vigour	Plant Pathology & Quarantine, DOI 10.5943/ppq/2/1/11, Vol. 2, No. 1, pp. 75-85	2012
Dr Hemen Sarma	Spacing and Irrigation effect on herbage yield and essential oil content of <i>Mentha citrate</i> Ehrh	Journal of Environmental Science and technology, ISSN 1994-7887, Vol. 7, No. 1, pp. 84-89	2014
	Conservation Crisis of the Greater One Horned Rhino	Research Journal of Forestry, ISSN 1819-3439, Vol. 8, No. 1, pp. 32-33	2014

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / internationa)	Number of publications listed in International Database	Mono graphs	Chapt er in Books	Cit atio n Index	SNIP	SJR	Imp act factor	h-ind ex
Mr. Anil Kumar Buragohain	0	0	0	0	0	0	0	0	0
Dr. Suresh Ch. Rajkhowa	0	0	0	0	0	0	0	0	0
Dr. Maalakhmi Dutta	0	0	0	0	0	0	0	0	0
Dr. Nazim Forid Islam	2	2	0	0	0	0	0	0	0
Dr. Hemen Sarma	2	2	0	0	140	0	0	12.47	6

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 : 25%
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : Nil

23. Awards/ Recognitions received by faculty and students:

Faculty	Awards
Dr. Hemen Sarma	IASc-INSa-NASI Fellowship 2008 (SR)
	IISc- Research Associateship 2009 (IISc)
	Dr. D. S. Kothari Postdoctoral Fellowship, 2009 (UGC)
	DBT-Research Associateship, 2011 (DBT)

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

Name & Designation	Purpose of Visit/ Topic	Date
Dr. Tomizuddin Ahmed, Chief Scientist, Regional Rice Research Station, Titabar		
Prodip Ch. Dey, Scientist, Regional Rice Research Station, Titabar		
Dr. Mohan Sharma, Professor, Assam Agricultural University, Jorhat		
Dr. Pronob Dutta, Scientist, Assam Agricultural University, Jorhat		

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. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- Botany	2010-11	10	10	6 4	100%

Name of the Course/programme (refer question no. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- Botany	2011-12	14	14	10 4	100%
UG- Botany	2012-13	26	26	21 5	50%
UG- Botany	2013-14	30	30	28 2	42.8%

*M=Male *F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG Botany	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			
	2010-11	2011-12	2012-13	2013-14
UG to PG :	-	-	1	1
PG to M.Phil.				
PG to Ph.D.				
Ph.D. to Post-Doctoral				
Employed				
• Campus selection				
• Other than campus recruitment	2	3	5	-
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

a) Library:

Departmental library has more than 110 reference books on various aspects of Botany.

b) Internet facilities for Staff & Students:

One Computer and One Laptop along with Broadband Wi Max (BSNL) connection.

c) Class rooms with ICT facility

Two class rooms with ICT facility are available in the college centrally.

d) Laboratories:

1. The department has two spacious student laboratories with all infrastructural facility and equipments for UG Botany classes. The Botany laboratory is furnished with the Charts, Models, Plant Specimens, Fossil Specimens, Permanent Slides, Camera Lucida, Multiple Copies Dissecting and Compound Microscopes, a Binocular Research Microscope, a Trinocular Research Microscope with Camera, Microtome Machine, Autoclave, Hot Air Oven, Laminar Air Flow, B.O.D., Incubator, Electronic Balance, Spectrophotometer, PCR, Centrifuge with 16000 RPM, Water Distillation apparatus, pH Meter, Deep Fridge, Overhead Projector.
2. Molecular Biology Laboratory for research under Biotech Hub funded by DBT.
3. Microbiology Laboratory for research under Biotech Hub funded by DBT.
4. Environmental Biotechnology Laboratory for DBT Twin Project.

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

Financial assistance from college	Year	Number of students
(Students' Aid Fund) (Only major students)	2010-11	2
	2011-12	0
	2012-13	1
	2013-14	0
Government Scholarship		
	2010-11	0
	2011-12	3
	2012-13	1
	2013-14	3

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

Name & Designation	Purpose of Visit/ Topic	Date
	Seminar on Rice production and its related problems	
	Seminar on Plant nutrition and disease management	
	Workshop on Recent trend in Biotechnology	
	Workshop on tools and techniques in Microbiology	

33. Teaching methods adopted to improve student learning

The department arranges students' seminars, group discussions etc. Students are asked to prepare for a lecture on a specified topic and asked to deliver the same in classroom. All staff members use power point presentations as part of their teaching.

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

Dr. Nazim Forid Islam

College Nodal Officer, for AISHE, under Ministry of Human Resource Development

36. SWOC analysis of the department and Future plans

Strength

1. Highly qualified faculty members who are actively engaged in teaching as well as research.
2. Established Research collaboration with University of Hyderabad.
3. Faculty with Post Doctoral Research and International Exposure.
4. Well-equipped laboratories with all types of equipments and facilities supported by DBT.
5. Botanical Garden.
6. Departmental library with number of reference books.

Weakness

1. No recognised research center for Ph.D. work.

Opportunities

1. Potentiality to develops a research center in the future.

Challenges

Future Plan

1. To improve the existing Botanical Garden.
2. To start PG course in Botany.
3. To start research center in the department.
4. To undertake more research project.
5. To organise National Seminar and Conferences.

Evaluative Report of the Departments

DEPARTMENT OF CHEMISTRY

1. Name of the department : CHEMISTRY
2. Year of Establishment : 1971
3. Names of Programmes / Courses offered : UG in Chemistry
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system (programme wise) : Semester Pattern
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses/programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts

Designation	Sanctioned	Filled
Associate Professors	2	2
Asst. Professors	3	2

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
Dr. Mrinal Kr. Baruah	M.Sc., Ph.D.	Associate Professor	Inorganic Chemistry	37	Nil
Dr. Litoool Baruah	M.Sc., Ph.D.	Associate Professor	Physical Chemistry	On lien act as Pricnipal of this college	Nil
Mr. Dhrubajit Borah	M.Sc. (NET)	Assistant Professor	Inorganic Chemistry	3	Nil
Dr. Partha P. Saikia	M.Sc.(NET), Ph.D.	Assistant Professor	Organic Chemistry	3	Nil

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : There is no temporary faculty
13. Student -Teacher Ratio (programme wise):

Program	Student-Teacher Ratio
Semester II (G)	19.3 : 1
Semester II (M)	6 : 1
Semester IV (G)	11.3 : 1
Semester IV (M)	5.3 : 1
Semester VI (G)	0.7 : 1
Semester VI (M)	2.3 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : One Laboratory bearer
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
02	0	01

16. Number of faculty with ongoing projects from a) National
b) International funding agencies and grants received : National – 2
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre /facility recognized by the University : Yes
19. Publications:
 - * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers
 - * Citation Index

- * SNIP
- * SJR
- * Impact factor
- * h-index

Research papers published in national and international journals (2010 onwards)

Name of the Faculty	Paper		
	Title of the Paper	Name of the Journal with ISSN No.	Year of Pub
Dr. Mrinal Kumar Boruah	A fluoride zonation map of the Karbianglong District, Assam, India	Fluoride (New Zealand), 2010, Vol.43, pp. 113-115, ISSN 0015-4725	2010
	Effect of nanoparticles on the structural changes of char prepared by non-isothermal treatment of Assam coal (India) in nitrogen atmosphere	J. Mater. Environ. Sci. 5 (3) (2014) 711-714 Baruah et al. ISSN : 2028-2508	2014
	Geochemical association of Ni ²⁺ , Zn ²⁺ , Pb ²⁺ , Ag ⁺ , Cu ²⁺ and Co ²⁺ ions in natural pyrite	Journal of Geochem, ISSN:2314-5803, pp. 1-20, 2014	2014
Dr. Partha Protim Saikia	A solvent-free method for the direct synthesis of Cbz-protected α -amino ketones using triphenylphosphine dibromide (Jointly with P. Buragohain, P. P. Saikia, N. C. Barua)	Tetrahedron Letters 54, 2013, 3562-3564, ISSN: 0040-4039	2013
	Synthesis of a novel series of highly functionalized Baylis–Hillman adducts of artemisinin with potent anticancer activity A. Goswami, P. P. Saikia, B. Saikia, N. C. Barua, A. K. Saxena, N. Suri, M. Sharma, G. Baishya	Tetrahedron Letters 54, 2013, 4221-4224, ISSN: 0040-4039	2013
	Effect of nanoparticles on the structural changes of char prepared by non-isothermal treatment of Assam coal (India) in nitrogen atmosphere	J. Mater. Environ. Sci. 5 (3), pp. 711-714, ISSN 2028-2508	2014

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Monographs	Chapter in Books	Citation Index	S N I P	S J R	Impact factor	h-index
Dr. Mrinal Kumar Baruah	33	33	0	0	268	0	0	91.551	10
Mr. Dhrubajit Borah	0	0	0	0	0	0	0	0	0
Dr. Partha Pratim Saikia	14	3	0	0	261	0	0	59.83	6

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 : Nil

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

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

Name & Designation	Purpose of Visit/ Topic	Date
Dr. Deepak Kumar Dutta, Chief Scientist, CSIR-NEIST	Resource person on Seminar	27 Oct, 2010
Dr. Pinaki Sengupta, Chief Scientist, CSIR-NEIST	Special Lecture	4 Nov, 2011

Dr. Amrit Goswami, Chief Scientist, CSIR-NEIST	Resource person on Seminar	4 Nov, 2011
Dr. Utpal Borah, Assistant Professor, Tezpur University	Resource person on Seminar	21 July, 2013
Dr. Rahul Kar, Assistant Professor, Dibrugarh University	Resource person on Seminar	21 Sept, 2013
Dr. Dipu Borah, University-College Cork, Ireland (<i>Alumni</i>)	Special Lecturer	12 Oct, 2013
Dr. Pranjal Saikia, IST, Assistant Professor, Gauhati University (<i>Alumni</i>)	Special Lecture	10 Nov, 2013
Dr. Kula Kamal Senapaty, Scientist, Tokolai Tea Research Institute, Jorhat (<i>Alumni</i>)	Special Lecture	27 Feb, 2014
Dr. Subhansu Dutta, Assistant Professor, DR College, Golaghat (<i>Alumni</i>)	Special Lecture	20 April, 2012
Mr. Ananta Saikia, Scientist, DRDO, Pune (<i>Alumni</i>)	Special Lecture	22 Oct, 2012
Dr. Bibek Jyoti Borah, CSIR, NEIST, Jorhat	Special Lecture	29 March, 2014
Mr. Kukil Saikia, Scientist, CSIR-NEIST, Jorhat	Special Lecture	29 March, 2014
Mr. Amar Jyoti Duarah, CSIR-NEIST, Jorhat	Special Lecture	6 May, 2014

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

- a) National : Nil
b) International : Nil

26. Student profile programme/course wise: Nil

Name of the Course/programme (refer question no. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- Chemistry	2010-11	20	12	10 2	
UG- Chemistry	2011-12	27	16	15 1	
UG- Chemistry	2012-13	52	35	30 5	
UG- Chemistry	2013-14	45	24	20 4	

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG Chemistry	100	0	0

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			
	2010-11	2011-12	2012-13	2013-14
UG to PG :	50%	0	33.3%	40%
PG to M.Phil.				
PG to Ph.D.				
Ph.D. to Post-Doctoral				
Employed				
• Campus selection				
• Other than campus recruitment	50	16.6	25	40
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

a) Library:

The department has a good library and it was set up in 1992. At present, the departmental library has 86 numbers of books.

b) Internet facilities for Staff & Students:

The department has a very good BSNL-Wi-Max internet facility.

c) Class rooms with ICT facility:

There are two class rooms with ICT facility in the college centrally.

d) Laboratories:

The department has three well equipped laboratories.

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

Financial assistance from college	Year	Number of students
(Students' Aid Fund) (Only major students)	2010-11	
	2011-12	
	2012-13	
	2013-14	
Government Scholarship	2010-11	2
	2011-12	3
	2012-13	1
	2013-14	0

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

Sl. No.	Name of the external expert	Special lectures / workshops / seminar	Date
1	Dr. D. K. Dutta, Chief Scientist, CSIR-NEIST	Seminar	27 th Oct, 2010.
2	Dr. P. Sengupta, Chief Scientist, CSIR-NEIST	Special lectures	4 th Nov, 2011.
3	Dr. Amrit Goswami, Chief Scientist, CSIR-NEIST	Seminar	4 th Nov, 2011.
4	Dr. U. Borah, Assistant Professor, Tezpur University	Special talk on Stereochemistry of Organic Compounds	21 st Sept, 2013
5	Dr. R. Kar, Assistant Professor, Dibrugarh University	Symmetry & Group theory	21 st Sept, 2013
6	Dr. Bibek Jyoti Bora, CSIR-NEIST, Jorhat	Special Lecturer on Clay	29 th March, 2014
7	Mr. Kukil Saikia, CSIR-NEIST, Jorhat	Special Lecturer on Nano	29 th March, 2014
8	Mr. Amar Jyoti Duarah, CSIR-NEIST, Jorhat	Training Programme on extraction of essential oils from plants	6 th May, 2014

33. Teaching methods adopted to improve student learning:
The teaching-learning approach in the department is not so diverse. Besides conventional talk and chalk system, use of chart and model are generally used as teaching aids. The facility of Over Head Projector has been utilized as a teaching aid since 2003. In regards to learning, various processes like seminar, home work, library work, group discussion, project work, visit to reputed organization/industry etc. are used in the department.

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

The faculties of the department have been actively participating in different social/extension programmes organized by College Teachers' Unit, Women Cell, ASTEC, Assam Academic centre etc.

35. SWOC analysis of the department and Future plans

Strength

The department has good laboratories with modern facilities, experienced teachers with good research background having a good nos. of publications in different international journals with high impact factor. Also, the department has been connected with high speed internet.

Weakness

The department has been experiencing shortage of faculty and technical staff to run with the semester system. Lack of a permanent library room with reading facility is another weakness of the department.

Opportunity

The department is trying to set up advanced laboratory for research activities. This will definitely motivate students for taking up research career.

Challenges

The department has not yet been receiving any funds from the College for undertaking research projects for students.

Future Plan

The department has a number of plans for the improvement of teaching, learning and research activities. These are briefly mentioned below:

- (a) To increase the number of faculty members.
- (b) To increase the number of laboratories.
- (c) To increase the networking/collaboration with reputed organization.
- (d) To generate fund for the development of the department.
- (e) To submit minor/major research projects to different funding agencies.
- (f) To establish a digital class room.
- (g) To construct a dark room.
- (h) To procure sophisticated instruments for teaching & research.
- (i) To construct a spacious departmental library room with reading facility.

Evaluative Report of the Departments

DEPARTMENT OF ECONOMICS

1. Name of the department : Economics
2. Year of Establishment : 1959
3. Names of Programmes / Courses offered : UG- Economics
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system (programme wise) : Semester Pattern
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses/programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts:

Designation	Sanctioned	Filled
Associate Professors	3	3
Asst. Professors	1	1

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
Dr. Nobin Cch. Borah	M.A., Ph.D.	Associate Professor	Demography	28	Nil
Mr. Ram Krishna Saikia	M.A.	Associate Professor	Demography	36	Nil
Mrs. Inu Saikia	M.A.	Associate Professor	Demography	27	Nil
Mrs. Konnaki Konwar	M.A., M. Phil	Assistant Professor	Econometrics	2	Nil

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: There is no temporary faculty
13. Student -Teacher Ratio (programme wise):

Programme Name	Year	Ratio
UG- Economics	2010-11	26 : 1
UG- Economics	2011-12	22 : 1
UG- Economics	2012-13	22 : 1
UG- Economics	2013-14	19 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
01	01	02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre /facility recognized by the University : Nil
19. Publications:
- * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers
 - * Citation Index
 - * SNIP
 - * SJR
 - * Impact factor

* h-index

Research papers published in national and international journals

Name of the Faculty	Paper		
	Title of the Paper	Name of the Journal with ISSN No.	Year of Pub
Mrs Kannaki Konwar	Health Care Services of Tea Garden Workers: A case study of Tinsukia district	ECOHIST, Journal of Economics and History, Volume IV, 2012-13, Pages 70-78 ISSN 2278-9332, Society of Economics and History, H.P.B. Girls College, Golaghat, Assam	2013

Chapters in Edited Book

Name of the Faculty	Chapter in Books		
	Title of the Chapter with page no.	Name of the Book with ISBN No.	Year of Pub
Konnaki Konwar	Evaluation of 'MGNREGA' Towards Protecting Human Rights in Upper Assam- A Case Study of Golaghat and Dhemaji Districts	Prospects of Politics and Society. Ed. Joy Prakash Oza. Unika Prakashan: Jorhat. pp. 226-238, ISBN 978-93-82030-20-1	2012
	Gandhi and Post Liberalisation: What India Should Follow?	Re-thinking Gandhi, Editor: P. Handique, M. Gohain, H. Saikia, ISBN 987-93-8117-633-7, pp. 49-60	2013
	Development of North East Region of India in the Prism of Look East Policy: Its Potentialities and Challenges	Look East Policy and North East India, Editor: Devojit Phukan, Published by Satprakash Katla, New Delhi, ISBN 987-93-8117-660-3, pp. 138-152	2013

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Monographs	Chapter in Books	Citation Index	SNI P	SJR	Impact factor	h-index
Dr. Nobin Borah	0	0	0	0	0	0	0	0	0
Mr. Ram Krishna Saikia	0	0	0	0	0	0	0	0	0

Mrs Inu Saikia	0	0	0	0	0	0	0	0	0
Mrs Konnaki Konwar	1	0	0	3	0	0	0	0	0

20. Areas of consultancy and income generated: **Nil**

21. Faculty as members in

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

Name of Faculty	Members in
Dr. Nobin Ch. Borah	1. Life member in All India Economic Association 2. Life member of North East Economic Association (NEEA)
Mr. Inu Saikia	Life member of North East Economic Association (NEEA)
Mr. Ram Krishna Saikia	Life member of North East Economic Association (NEEA)
Mrs. Konnaki Konwar	South Asian Network of Development and Environmental Economics (SANDEE)

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme : Nil
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : Nil
- 23. Awards / Recognitions received by faculty and students : Nil
- 24. List of eminent academicians and scientists / visitors to the department: Nil
- 25. Seminars/ Conferences/Workshops organized & the source of funding
 - a) National : Nil
 - b) International : Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- Economics	2010-11	25	15	5 10	60%
UG- Economics	2011-12	22	22	10 12	60%
UG- Economics	2012-13	19	19	14 5	40%
UG- Economics	2013-14	10	7	4 3	57%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG Economics	100	0	0

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			
	2010-11	2011-12	2012-13	2013-14
UG to PG	6.25%	27.78%	66.67%	28.57%
PG to M. Phil.	NA	NA	NA	NA
PG to Ph.D.	NA	NA	NA	NA
Ph.D. to Post-Doctoral	NA	NA	NA	NA
Employed				
• Campus selection				
• Other than campus recruitment				
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

a) **Library:**

Department of Economics of the Nanda Nath Saikia College, Titabar has a well-equipped library. About 50 books consist of both text and reference books are available in the departmental library which is provided to the students. The department continuously tries to improve the library facilities so that the students as well as the faculty member of the department are optimally benefitted.

c) **Internet facilities for Staff & Students:**

Introduced from September, 2013

c) **Class rooms with ICT facility:**

Not applicable till now

d) **Laboratories:**

There is no laboratory.

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

Financial assistance from college	Year	Number of students
(Students' Aid Fund) (Only major students)	2010-11	2
	2011-12	0
	2012-13	1
	2013-14	1
Government Scholarship		
	2010-11	5
	2011-12	11
	2012-13	1
	2013-14	0

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

Sl. No.	Name of the external expert	Special lectures / workshops / seminar	Date
1	Dr. Rafique Ahmed, Associate Professor, Bahona College, Jorhat	Environmental Study	6 th Sept, 2012
2	Mr. Sameer Ranjan Thakur, Manager, UBI, Titabar Branch	Banking system	16 Aug, 2012
3	Mr. Polash Handique, Asst. Professor, HPB Girls College, Golaghat	Career Counselling	30 April, 2014

33. Teaching methods adopted to improve student learning:

Faculties of the department are generally follows lecture methods but other modern teaching methods like micro teaching, group discussion are also used in the classroom teaching. Latest data and information are supplied through internet.

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

A extension work done by the students of department of Economics to Beparichuck village of Titabar to create general awareness among the people of the village.

35. SWOC analysis of the department and Future plans:

Strength:

Our rela strength of the department is the full cooperation among the faculty members and the students. We work together like a team while undertaking any programme of the department.

Weakness:

1. We need at least five faculty members but at present we have only four members.
2. A spacious departmental room is essential.

Opportunity:

There is a vast opportunity to undertake on rural development programme and also scope to open short term courses on enterprenual activities.

Challenges:

We don't get sufficient numbers of students having mathematical background at higher secondary level. So it create problem at major level.

Future Plane:

Evaluative Report of the Departments

DEPARTMENT OF EDUCATION

1. Name of the Department : EDUCATION
2. Year of Establishment : 1988
3. Names of Programmes /Courses offered : UG- Education
4. Names of Interdisciplinary courses and the departments / units involved : Nil
5. Annual / semester / choice based credit system (programme wise) : Semester Pattern
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, Industries, foreign institutions, etc. : Nil
8. Details of courses / programmes discontinued (if any) with reasons : Nil
9. Number of teaching posts

Designation	Sanctioned	Filled
Associate Professors	2	2
Asst. Professors	1	1

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
Mrs.Sewali Dutta	M.A.	Associate Professor	Mental Hygiene	26	Nil
Mrs.Bisakha Devi Das	M.A., Ph.D.	Associate Professor	Mental Hygiene	24	Nil
Mrs. Monikha saikia	M.A.	Asst, Professor	Child psychology and psychology of adolescence	6	Nil

11. List of senior visiting faculty : Nil
11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
13. Student-Teacher Ratio (programme wise)

Year	Student: Teacher
2010-11	79 : 1
2011-12	69 : 1
2012 - 13	62 : 1
2013-14	71 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil
15. Qualifications of teaching faculty with Dsc/D.Litt/Ph.d/MPhil/PG:

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
01	0	02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : National - 2
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre /facility recognized by the University : Nil
19. Publications:
- * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers
 - * Citation Index
 - * SNIP

- * SJR
- * Impact factor
- * h-index

Research paper published in national/ international journals

Name of the Faculty	Paper		
	Title of the Paper	Name of the Journal with ISSN No.	Year of Pub
Dr Bisakha Devi Das	Role of government policy in the development of women education . pp 7-9	Indian journal of social science and sciences, ISSN-2231-2447, Vol. 2, Issue 1, 2011, pp. 7-8	2011
	Health status of schedule caste women in Assam	Pragyan, ISSN-0976-4283, Vol. IX, Issue 1, pp. 56-58	2011
	A profile of the schedule caste community of Assam,	Sikshajyoti, ISBN-978-81-924156-4-2, Vol. 1, No. 1, 2012, pp 65-67	2012

Chapter in Edited Book

Name of the Faculty	Chapter in Books		
	Title of the Chapter with page no.	Name of the Book with ISBN No.	Year of Pub
Bisakha Devi Das	Women empowerment through entrepreneurship, pp 196-202.	Prospects of Politics and Society, ISBN-978-93-82030-20-1	2012

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Monographs	Chapter in Books	Citation Index	SNI P	SJR	Impact factor	h-index
Mrs Sewali Dutta	0	0	0	0	0	0	0	0	0
Dr. Bisakha Devi Das	3	0	0	1	0	0	0	0	0
Mrs Monikha Saikia	0	0	0	0	0	0	0	0	0

20. Areas of consultancy and income generated: Nil

21. Faculty as members in
 a) National committees
 b) International Committees
 c) Editorial Boards.... Nil
22. Students projects (for major student only)
 a) Percentage of students who have done in-house projects including inter departmental/programme

Name of the students	Title of the Project	Year	Supervisor
Miss Sayamoni Saikia Miss Dimpi Hazarika Miss Dimpi Das	Gap between Training and Classroom Practice followed by Elementary School Teachers.	2010 - 2011	Mrs. Sewali Dutta Boruah

- (b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry/other agencies : Nil

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

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

Name & Designation	Purpose of Visit/ Topic	Date
Dr. Jibon Saikia, Assistant Professor, J.B. College, Jorhat	Seminar on Role of distance education in HRD	28 Sept, 2010
Sjt .Gunin Sharma, Retd. Principal of DIET	Seminar on Human Resource Development	30 Sept, 2011

25. Seminars/Conferences/Workshops organized & the source of funding : Nil
 (a) National
 (b) International

26. Student profile programme /course wise:

Year	Name of the Course/Programme	Applications received	Selected	Enrolled		Pass Percentage
2010-11	TDC Part I (G)	151	146	58	88	74
	TDC Part I (M)	19	16	04	12	87
2011-12	BA I (G) Sem	80	67	31	36	74
2011-12	BA (G)1 ST Sem	80	68	20	48	73
	BA (M)1 ST Sem	30	21	5	16	80
2012-13	BA (G)1 ST Sem	120	77	20	57	60
	BA (M)1 ST Sem	30	21	1	20	100
2013-14	BA (G) 1 st Sem	116	103	46	57	73
	BA (M) 1 st Sem	67	17	5	12	61

*M=Male F=Female

27. Diversity of students

Years	Name of the course	% of students from the same state	% of students from the other states	% of students from abroad
2010 - 2014	TDC	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET,SLAT, GATE,Civil services, defense services etc?

: Nil

29. Students Progression

Student progression	Against % enrolled			
	2010-11	2011-12	2012-13	2013-14
UG to PG	25%	32%	38%	65%
PG to M. Phil.	NA	NA	NA	NA
PG to Ph.D.	NA	NA	NA	NA
Ph.D. to Post-Doctoral	NA	NA	NA	NA
Employed				
• Campus selection				
• Other than campus recruitment				
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

a) **Library**

There is library in the department having 253 books and one journal regularly subscribed.

b) **Internet facilities for staff and students:**

The college provides computer and internet facilities to the department .

c) **Classroom with ICT facility:**

There are two smart classrooms in the college centrally.

d) **Laboratories:**

A departmental room is divided in to two parts by a partition, was setup in the year 2007 with following facilities:

Part A:

Total area: 260 sq.ft. used as departmental office cum library and store room for laboratory equipments.

Part B:

Total area : 320 sq.ft. Used as departmental laboratory and classroom for major students.

Laboratory equipments:

Following specific equipments are available in the department for carrying out routine practical classes.

SL No	Name of Apparatus	Quantity
1	Card Sorting Tray With Cards	3
2	Koh's block Design Test	4
3	Memory Drum (Manual)	8
4	Memory Drum (Electrical)	2
5	Mirror Drawing Apparatus(Electrical)	6
6	Tachistoscope(Span For Apprehension)	3
7	Skin	8
8	Stop Watch	6
9	Working table with electric connection,etc.	1

31. Number of students receiving financial assistance from college, university, government or other agencies (In case of the major students of the department only)

Financial assistance from college	Year	Number of students
(Students' Aid Fund)	2010-1	04
	2011-12	03
	2012-13	04
	2013-14	05
Government Scholarship	2010-11	4 (ST) ,2 (SC), 1 (OBC) , 2 (MOBC) Total = 09
	2011-12	4 (ST) ,1 (SC), 6 (OBC) ,6 (MOBC) Total = 17
	2012-13	10(ST),1(SC),12(OBC),2 (MOBC) Total =23
	2013-14	0

A) Student Aid fund: this fund was established by the department in the year 2013-14, in order to provides assistance to meritorious students of the department from economically weaker sections. In the current session (2013-14) the assistance in the form of a package of text books were given to three meritorious students of 5th semester education major.

32. Details on students enrichment programmes (special lecture / Workshops / Seminar) with external experts.

Sl. No.	Name of the external expert	Special lectures / workshops / seminar	Date
1	Dr. Jibon Saikia, Associate Professor, J.B. College,Jorhat	Role of Distance Education in Humen Resource Development	28 th Sept. 2010
2	Mr.Gunin Sarma, Ex Principal, DIET, Jorhat District	Humen Resource Development	30 th Sept, 2011
3	Sjt.Tarun Saikia, HOD, Education Department, Cinamora College, Jorhat	Quiz Compition	18 th August, 2012
4	Kumud Chandra Ghose ,HOD, Education Department, Nakachari College;	Extempore Speech competition	8 th August, 2013

5	Reboti Devi, Joint Secretary, Education Department, Vivekananda Kendra, Assam Sunit Baruah, Secretary, Vivekananda Kendra, Jorhat Prof. I. Das, Dept. of History, J. B. College, Jorhat.	Observation of Universal Brotherhood Day	12 th September, 2013
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33. Teaching methods adopted to improve student learning:
Group discussion, Seminar, Audio-Visual class

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

(a) A Group of TDC(Major) students of Department of Education leaded by the teachers of the Department took part in an Exhibition,held on the occasion of Golden Jubilee Celebration of then.N. N. Saikia College, Titabar, from 12th Nov. to 14th Nov 2010.The group Exhibition Successfully the Psychological Tests” in the Exhibition

(b) Both the teachers and students of the Department of Education are involved in different extension activities in association with the Extension Work Cell, Women Cell etc. of the college. Moreover the teaching members of the Department are individually involved in various extension activities.

(c) Delivered lecture by Bisakha Devi Das On Psychology at DIET and on role of mother in physical and mental development of girls on International women day organized by women cell, N.N. Saikia College at Gomati Devi Girls High at Titabor.

(d) Delivered lecture by Bisakha Devi Das On Gandhi an philosophy and its relevance in 21st century organized by N. N. Saikia College.

35. SWOT analysis of the department and Future plans:

Strength:

1. The faculty members of the department are cooperative and progressive for the completion of the various programme taken by the department.
2. The student strength is quite sufficient to successfully carry out any departmental activity/ programme.

Weakness:

1. Lack of requisite number of faculty members.
2. Lack of adequate space for the departmental laboratory.

Opportunity:

1. The faculty members are experienced and energetic. Therefore they can guide the students to successfully complete any project work undertaken by them that may involve research on the subject.

Challenges**Furture Plan**

1. The plan undertaken by the department for the next year to take steps to open photo galary for the benefit of the students.
2. The department has plan to organise national level seminar.

Evaluative Report of the Departments

DEPARTMENT OF ENGLISH

1. Name of the department : ENGLISH
2. Year of Establishment : 1959
3. Names of Programmes / Courses offered : UG- English
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system (programme wise) : Semester Pattern
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses/programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts:

Designation	Sanctioned	Filled
Associate Professors	0	0
Asst. Professors	5	5

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
Ms. Ditimoni Bora	M.A.	Asst, Professor		Attached to Mariani College from 2012 by Govt.	Nil
Dr. Bhuban Chandra Talukdar	M.A., Ph.D.	Asst, Professor	Indian Writing in English	9	Nil

Mrs. Anindita Das	M.A.	Asst, Professor	Literary Theory	6	Nil
Mr. Sahil Hussain	MA, M. Phil.	Assistant Professor	Language and Linguistics	5	Nil
Mrs. Gitanjali Gogoi	MA, M. Phil.	Assistant Professor	Indian Writing in English	2	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)

Programme Name	Year	Ratio
UG- English	2010-11	63 : 1
UG- English	2011-12	72 : 1
UG- English	2012-13	84 : 1
UG- English	2013-14	83 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil
15. Qualifications of teaching faculty with Dsc/D.Litt/Ph.d/MPhil/PG:

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
01	2	02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre /facility recognized by the University : Nil
19. Publications:
- * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of

Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

- * Monographs
- * Chapter in Books
- * Books Edited
- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index
- * SNIP
- * SJR
- * Impact factor
- * h-index

Research paper published in national/ international journals

Name of the Faculty	Paper		
	Title of the Paper	Name of the Journal with ISSN No.	Year of Pub
Bhuban Chandra Talukdar	Notions and Nuances of Identity: A Reading of Shashi Tharoor's <i>Riot</i>	Prajna, Journal of the Banaras Hindu University, ISSN 0554-9884, Vol. 59, No. 02, pp. 172-176	2013
	Mapping Facets of (Mis) Recognition in the Multicultural World: Kiran Desai's <i>The Inheritance of Loss</i> in Context	Apurva, Research Journal, Faculty of Arts, Banaras Hindu University, ISSN 0975-5780, Vo. 18, pp. 224-232	2013
	Narrative of 'otherness': Ethnic Aggression and Disintegration in Siddhartha Deb's <i>The Point of Return</i>	Drishti, Banaras Hindu University, ISSN 2250-2467, Vol. 4, No. 2, pp. 153-161	2013
Mrs Anindita Das	Celebration of Violence in N. F. Simpson's One Way Pendulum and The Form	IOSR Journal of Humanities and Sciences, ISSN: 2279-083, and p-ISSN: 2279-0837, Vol. 13, No. 3, pp. 35-38	2013
	Manifestation of Violence in N.F. Simpson's One Way Pendulum and The Form	Sanghati, A Quarterly Research Journal on Literature, Culture and Social Science, ISSN 2319-7366, pp. 91-95	2013
	Self-parody and Self-reflexivity in Norman Frederick Simpson's A Resounding Tinkle	IOSR Journal of Humanities and Social Science, e-ISSN 2279-0837, p-ISSN 2279-0845, Vol. 19, No. 1	2014

Chapter in Edited Book

Name of the Faculty	Chapter in Books		
	Title of the Chapter with page no.	Name of the Book with ISBN No.	Year of Pub
Dr. Bhuban Chandra Talukdar	Welding Multiple Cultures: A Study of Kunal Basu's Select Short Stories from Multicultural Perspective	Contemporary Social Realities in Indian English Fiction of Post 1980's, Published by Bharti Publications, ISBN 978-93-81212-32-5, pp. 14-21	2013
Mrs. Anindita Das	Dramatic Mimesis of Human Condition in N. F. Simpson's Works	Prospect of Politics and Society, ISBN: 978-93-82030-20-1, ISBN 978-93-82030-20-1, pp. 253-262	2012
Mrs. Gitanjali Gogoi	Countering Conrad: A Reading of Chinua Achebe's <i>Things Fall Apart</i>	Prospects of Politics and Society. Ed. Joy Prakash Oza. Unika Prakashan: Jorhat. pp. 239-252, ISBN 978-93-82030-20-1	2012

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Monographs	Chapter in Books	Citation Index	SNIP	SJR	Impact factor	h-index
Dr. Bhuban Talukdar	3	3	0	1	0	0	0	0	0
Mrs Anindita Das	3	3	0	1	0	0	0	0	0
Mr. Shahil Hussain	0	0	0	0	0	0	0	0	0
Mrs Gitanjali Gogoi	0	0	0	1	0	0	0	0	0

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees

b) International Committees

c) Editorial Boards....

Nil

22. Students projects (for major student only)
- a) Percentage of students who have done in-house projects including inter departmental/programme : Nil
- (b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/other agencies : Nil
23. Awards/ Recognitions received by faculty and students : Nil
24. List of eminent academicians and Scientists/ visitors to the department : Nil
25. Seminars/Conferences/Workshops organized & the source of funding : Nil
- (a) National
- (b) International

26. Student profile programme /course wise:

Name of the Course/programme (refer question no. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- English	2010-11	5	3	0 3	33%
UG- English	2011-12	20	14	8 6	93%
UG- English	2012-13	22	12	3 9	
UG- English	2013-14	12	6	4 2	

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET,SLAT, GATE,Civil services, defense services etc? : NA

29. Students Progression

Student progression	Against % enrolled			
	2010-11	2011-12	2012-13	2013-14
UG to PG	50%	20%	0%	50%
PG to M. Phil.	NA	NA	NA	NA
PG to Ph.D.	NA	NA	NA	NA
Ph.D. to Post-Doctoral	NA	NA	NA	NA
Employed				
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 				
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

(a) Library:

Department of English of the Nanda Nath Saikia College, Titabar has a departmental library. About 60 books consisting of both text and reference books are available in the departmental library. The students can borrow two books at one time for period of fifteen days. The department continuously tries to improve the library facilities so that the students as well as the faculty members of the department are optimally benefitted.

(b) Internet facilities for Staff & Students:

Available

(c) Class rooms with ICT facility:

Faculty members of the Department use ICT based techniques in classroom teaching, such as PowerPoint Presentations, Computerized Handouts etc. when necessary

(d) Laboratories:

There is no laboratory in the department.

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

Financial assistance from college	Year	Number of students
(Students' Aid Fund)	2010-11	0
	2011-12	2
	2012-13	1
	2013-14	0
Government Scholarship	2010-11	2
	2011-12	10
	2012-13	0
	2013-14	2

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil
33. Teaching methods adopted to improve student learning:
Faculty members of the department generally follow lecture methods but other modern teaching methods like micro teaching, group discussions, ICT based presentations are also used in classroom teaching.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
: Nil
35. SWOC analysis of the department and Future plans:

Strengths:

- (i) Competent Faculty,
- (ii) Healthy student-teacher relationship,
- (iii) Research Experience

Weaknesses:

Lack of exclusive class room with audio visual teaching aids for language and linguistics.

Opportunities:

- (i) Proper Infrastructural facilities like class room,
- (ii) Library,
- (iii) E-resources

Constraints:

Difficulty in teaching English to students from a rural background due to their lack of exposure to the foreign language.

Future Plans:

- (i) Updating of the Departmental Library
- (ii) Holding Speech and Essay Writing Competitions for students.
- (iii) Training on Enhancement of English Speaking Skills.
- (iv) Organizing Departmental Seminars frequently.
- (v) Organising National Seminar
- (vi) Submission of proposal for MRP.

Evaluative Report of the Departments

DEPARTMENT OF GEOGRAPHY

1. Name of the department : **GEOGRAPHY**
2. Year of Establishment : 1959
3. Names of Programmes / Courses offered : UG- Geography
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system (programme wise) : Semester Pattern
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses/programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts:

Designation	Sanctioned	Filled
Associate Professors	4	4
Asst. Professors	1	0

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
Naren Deka	M. Sc., M.Phil	Associate Professor	Cartography	36	Nil
Runumi Deka Mahanta	M.A.	Associate Professor	Cartography	26	Nil
Jayanta Kumar Sarma	M.A.	Associate Professor	Political Geography	25	Nil

Dr. Jonali Saikia Borkakoty	M.A., Ph.D.	Associate Professor	Cartography	15	Nil
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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)

Year	Ratio of Student- Teacher
2010-11	15 : 1
2011-12	22 : 1
2012-13	18 : 1
2013-14	33 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil
15. Qualifications of teaching faculty with Dsc/D.Litt/Ph.d/MPhil/PG:

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
01	01	02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre /facility recognized by the University : Nil
19. Publications:
 - * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books

- * Books Edited
- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index
- * SNIP
- * SJR
- * Impact factor
- * h-index

Research paper published in national/ international journals

Name of the Faculty	Paper		
	Title of the Paper	Name of the Journal with ISSN	Year of Pub
Jayanta Kumar Sarma	<i>Sishu Sikshar Bikash Aru Pratyahban</i>	Paybhora November 2012, ISSN 0971-8371, pp 16-18	2012
	<i>Bharatat Khadya Nirapatta Bidheyakar Lakshya Aru Saphalata</i>	Paybhora December, 2013, ISSN 0971-8371, pp 56-57	2013
	<i>Sankatat Bharatar Swasthya Khanda Aru Achanir Saphalata</i>	Paybhora February, 2014, ISSN 0971-8371, pp 40-44	2014
	<i>Bharat-Bangladesh Antarastriya Sima Samashya Aru Bhumi Hastantar Chukti</i>	Prantik, ISSN 0971-5932, February, 2014, pp. 13-14	2014
	<i>Uttar Purbanchalar Bhu-Rajanaitik Samashya</i>	Prantik, ISSN 0971-5932, April, 2014, pp. 13-14	2014
	<i>Krishir Bishesh Prasangare Bharatiya Arthanitir Bikash Aru Pratyashya</i>	Paybhora April, 2014, ISSN 0971-8371, pp 33-34	2014

Chapter in Edited Book

Name of the Faculty	Chapter in Books		
	Title of the Chapter with page no.	Name of the Book with ISBN No.	Year of Pub
Jayanta Kumar Sarma	<i>Ek Bhu-Rajanaitik Samashya Bharat Bangladesh Antarastriya Sima Samashya</i>	Prospect of Politics and Society, ISBN: 978-93-82030-20-1, ISBN 978-93-82030-20-1, pp. 177-183	2012
Dr. Jonali Saikia Borkakoty	Rural Ecosystem Degradations and Poverty in Jorhat District	Prospects of Politics and Society. Ed. Joy Prakash Oza. Unika Prakashan: Jorhat. pp. 83-90, ISBN 978-93-82030-20-1	2012

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Monographs	Chapter in Books	Citation Index	S NIP	SJR	Impact factor	h-index
Mr. Naren Deka	0	0	0	0	0	0	0	0	0
Mrs. Runumi Deka Mahanta	0	0	2	0	0	0	0	0	0
Mr. Jayanta Kr. Sarma	6	0	0	1	0	0	0	0	0
Mrs Jonali Saikia	0	0	0	1	0	0	0	0	0

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees

b) International Committees

c) Editorial Boards....

Dr. Jonali Saikia
Borkakoty, member of
National Association for
Geographer India
(NAGI), National
committee

22. Students projects (for major student only)

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

Nil

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

: Nil

23. Awards/ Recognitions received by faculty and students

: Nil

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

Name & Designation	Purpose of Visit/ Topic	Date
Dr. Mahammad Taher, Professor Ameritous, G.U. Dr. Harendra Nath Sarma, Professor, Geography Dept., G.U. Mr. Suren Talukdar, Sl. Grad Lecturer, Cotton College (President, N.E.I.G.S.) Dr. Ratneswar Barman, Professor, Geography Dept., G.U. Dr. Lakshyahira Dutta, Professor, Geography Dept. G.U. Dr. Abani Kumar Bhagawati, Professor, Geography Dept. ,G.U. Dr. Ashok Kumar Bora, Reader, Geography Dept., G.U. Dr. Bimal Kar, Reader , Geography Dept., G.U.(Secretary,N.E.I.G.S.) Dr, Prashanta Kumar Bhattacharjyee, Lecturer, Geography Dept., G.U Dr. shiddhinath Sharma , Professor, Geography Dept., N.E.H.U. Dr. Nayak, Professor, Geography Dept., N.E.H.U.	National Seminar (Sponsored by U.G.C) and 25 th Biennial conference of the North-East India Geographical Society	3 rd & 4 th August, 2009
Dr. S. Sarkar, Lecturer, Department of Geography, J. B. College, Jorhat	Resource person, Special Lecture on “Remote Sensing”	26 th April, 2010
Dr. A. K. Bora, Reader, Department of Geography, G.U.	Resource person, Special Lecture on “Remote Sensing”	9 th October, 2010
Mrs. Rani Devi Bora, Asso. Professor,Department of Geography, D. C. B .Girls’ College, Jorhat	Resource person, Special Lecture on “Global Environmental Issue”	17 th March, 2012
Dr. A. P. Mahanta, Asso. Professor, Dept of Geography, J. B. College	On the occasion of Alumni meet (2012), a Guest Lecture on “Importance of	8 th April, 2012

	Geography and its place in school curriculum”	
Mr. Amarendra Borgohain, IPS, Commandant, 3 rd A.P.Bn., Titabar	Special Guest for Golden Jubilee, NNSC	12 th November, 2012
Dr. Raju Gogoi, Assistant Professor, Department of Geography, Diphu Government College, Diphu	Resource person, Special Lecture on “The Environmental Studies and its Present Day Relevance: A discussion from geographical perspective”	24 th April, 2013
Mr. Netra Gogoi, Lecturer of Social Science (Pre-service teacher education), DIET, Sibsagar	Resource person, Special Lecture on “Growth of Population and its related issues”	10 th September 2013
Mr. Medini Hazarika, Asst. Professor, Department of Geography, Sibsagar Girls’ College	Departmental Workshop on Use of Satellite Imagery in Geographical Study.	26 th March, 2014

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

(a) National

(b) International

: National Seminar on “Strategy for Resource Functioning of the India’s North-East: A Geographical Perspective” on 3rd and 4th August, 2009, Sponsored by U.G.C.

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- Geography	2010-11	26	26	19 7	80%
UG- Geography	2011-12	31	17	8 9	82%
UG- Geography	2012-13	34	26	12 14	100%
UG- Geography	2013-14	85	23	16 7	33%

*M = Male *F = Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other	% of students from
UG	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET,SLAT, GATE,Civil services, defense services etc? : Nil

29. Students Progression

Student progression	Against % enrolled			
	2010-11	2011-12	2012-13	2013-14
UG to PG	100%	60%	84%	80%
PG to M. Phil.	NA	NA	NA	NA
PG to Ph.D.	NA	NA	NA	NA
Ph.D. to Post-Doctoral	NA	NA	NA	NA
Employed				
• Campus selection				
• Other than campus recruitment				
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

a) Library:

There is a departmental library. The departmental library is accommodated within the departmental common room with three bookshelves and a total 143 number of books. The Department set up the library from the very beginning of the department to meet the immediate needs of the students as well as the teachers. Books are donated by alumni, students, faculty members and Well-wishers. The specimen copies supplied by the publishers are entered into the library. Recently the alumni of the department have contributed an almirah with 26 books. Books are issued to the students when required.

b) Internet facilities for Staff & Students:

Yes, the college provides computer and Internet facilities to the department. Further the college provides computer training to teacher and students centrally by the Computer Centre.

c) Class rooms with ICT facility:

Nil

- d) Laboratories: The Geography department is constituted with four rooms-
(1)

Departmental common room with an area of 26.4 sq Mt., (2) Two Departmental class rooms cum Laboratory Room with an area of 37.32 sq Mt. and 28.4 sq Mt. respectively (3) Moreover one Departmental Store Room (for Laboratory's equipments, maps, diagrams, models etc) with an area of 16.5 sq Meter. One computer with internet facility is also available for laboratory and departmental uses.

Departmental Store Room is equipped with a big table and few chairs for remedial classes, informal discussion etc. One of the departmental class room cum Laboratory Room with an area of 37.32 sq Mt. is equipped with fifteen (15) pairs of table-chair and four (4) number of tracing tables. On the other hand another class room cum Laboratory Room is with two big tables and some benches for practical classes. All the practical classes and most of the theory classes are taken in those rooms. The four walls of the room are equipped with necessary study materials such as, Black board, Maps and various types of Diagram etc. Moreover one Varanda with 24.07 sq Mt. area are in front of our Department.

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

Financial assistance from college	Year	Number of students
(Students' Aid Fund) Government Scholarship	2010-11	3
	2011-12	1
	2012-13	2
	2013-14	2
	2010-11	4
	2011-12	6
	2012-13	8
	2013-14	0

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

Sl. No.	Name of the external expert	Special lectures / workshops / seminar	Date
1	Dr. S. Sarkar, Lecturer, Department of Geography, J. B. College, Jorhat.	Special Lecture on "Remote Sensing"	26 th April, 2010

2	Dr. A. K. Bora, Reader, Department of Geography, G.U.	Departmental Seminar on “Remote Sensing”	9 th October, 2010
3	Mrs. Rani Devi Bora, Associate Professor, Department of Geography, D. C. B. Girls’ College, Jorhat.	Departmental Seminar on “Global Environmental Issue”	17 th March, 2012
4	Dr. A. P. Mahanta, Associate Professor, Dept of Geography, J. B. College	Guest Lecture on the topic “Importance of Geography and its place in school curriculum”	8 th April, 2012
5	Dr. Raju Gogoi, Assistant Professor, Department of Geography, Diphu Govt. College, Diphu	Departmental Seminar on “The Environmental Studies and its Present-Day Relevance: A discussion from geographical perspective”	24 th April, 2013
6	Mr. Netra Gogoi, Lecturer of Social Science (Pre-service Teacher education), DIET, Sibsagar	Departmental Seminar on “Growth of Population and its related issues”	10 th September 2013
7	Mr. Medini Hazarika, Asst. Professor, Department of Geography, Sibsagar Girls’ College	Departmental workshop on “Use of Satellite Imagery in Geographical Study”	26 th March, 2014

33. Teaching methods adopted to improve student learning:

- 1) Before the commencement of the programme the knowledge of the students are assessed by oral test and written test. If the students lack the basic knowledge of 10+2 course then the department tries to bridge the knowledge gap by some lecture for enabling them to cope with the programme.
- 2) The existing course is modified to meet the emerging global trends of environment awareness. Moreover the existing course is helpful to analyze the different data by modern cartographic methods like satellite

imagery, GIS, GPS and Remote Sensing etc. The frequency of syllabus revision in university level is once in three years and one of our faculty is member of syllabus revision committee.

- 3) The department observes the individual student in catching the knowledge of the programme and classifies them as slow and advanced learners. The slow learners are treated by giving special attention and extra classes.
- 4) The department invites experts off different field now and then to mentoring the students on certain topics.
- 5) By giving knowledge to the students of the recent trend of the subjects and updating. The faculty by attending seminar, workshop, refresher course; reading books and journals on recent topics.
- 6) Books are issued to the students when required from the departmental library.
- 7) The Geography department of the college obtained feedback on curriculum from students and alumni.
- 8) The mission of this college to provide an environment in which its pupils can discover, examine, preserve and transmit knowledge, wisdom and value that will help to ensure the survival of present and future generation, with enrichment in the quality of life.
This mission is communicated to our students by giving knowledge of the course by means of lecture, discussion, seminar, home work, class test. The students are also advised to be punctual, disciplined and to have well behavior and manners.

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

The faculty and Students of the department extend their full co-operation in each and every ISR and Extension activities.

35. SWOC analysis of the department and Future plans

Strength

1. The faculty of the Department of Geography has a good image among the inhabitants cum guardians of the feeding area of the institute for which the response of students to enroll in the Department is beyond our expectation.
2. We have our Full faculty to continue teaching in under graduate level.

Weakness

- (a) Relatively A Poor Conceptual Base of many learners and Shortfall of Teaching and Learning Equipments are two difficulties that we have been frequently facing with.
- (b) Almost in each batch we find a good number of learners, coming from relatively poor social and/or educational background, have their poor conceptual base particularly to go through the mathematical part of their

course content. Besides, the mindset of another section of learners is seemingly incapable to correlate course contents with the respective real ground phenomena.

(c) We find an overall shortfall of Teaching and learning equipments both in the classrooms, laboratory and in the library system. Teaching and learning programme is adversely affected by improper ventilation system and the black-boards of inadequate sizes in many class rooms. Also, we feel insufficiency of outline maps, relevant models and sometimes even of the coloured chalk-pencils for class-room use. Besides, there is the overall electricity failure. We are quite disappointed to see the quantitative and qualitative limitation of reading materials both in General Library and Departmental Library. Besides, one computer is not sufficient for the students to continue their practical work. Remote sensing, Satellite imagery, GPS, GIS are compulsory for Semester course, so such Equipments immediately Required in the Department

Opportunity

1. Geography as a subject, there is various aspects to involved in Interdisciplinary courses and develops Interdisciplinary research matter.
2. We have our geographical material to extend help to individual and govt. officer related to various activities of the society.

Challenges

At present the subject Geography is not compulsory in the high school/ junior secondary level. Hence in the field of Geography it is a great challenge facing from enrollment perspective in the Under Graduate level and also from Alumni's appointment opportunities point of view, in the Education department. So, we are taking it seriously and trying our best to absorbed our alumni's in different newly emrged areas, such as Remote sensing, Land survey, Map making with modern amenities, though the conceptual base of many learners are relatively poor and teaching and learning equipments are also limited.

Future Plan

1. To bring all existing wings of the Library and the book-bank under the same banner of the department and make it opens to all teachers and students of the department and also to some other interested readers subject to certain terms and conditions
2. Plan of Interdisciplinary Project work with Education Department

Evaluative Report of the Departments

DEPARTMENT OF HISTORY

1. Name of the department : **HISTORY**
2. Year of Establishment : 1959
3. Names of Programmes / Courses offered : UG- History
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system (programme wise) : Semester Pattern
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses/programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts:

Designation	Sanctioned	Filled
Associate Professors	2	2
Asst. Professors	2	2

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
Jeeta Boah Deka	M.A.	Associate Professor	Ancient	35	0
Budhin Dutta	M.A. M. Phil	Associate Professor	Modern	27	0
Nirmal Jyoti Konwar	M.A., M. Phil	Assistant professor	Medieval	5	0
Rabindra Bordoloi	M.A., M. Phil	Assistant professor	Modern	5	0

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)

Year	Ratio of Student- Teacher
2010-11	27 : 1
2011-12	28 : 1
2012-13	27 : 1
2013-14	30 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil
15. Qualifications of teaching faculty with Dsc/D.Litt/Ph.d/MPhil/PG:

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
0	03	01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : National - 2
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre /facility recognized by the University : Nil
19. Publications:
 - * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers
 - * Citation Index
 - * SNIP
 - * SJR
 - * Impact factor

* h-index

Articles published in proceedings of seminars organised by different institutions

Name of the Faculty	Paper		
	Title of the Paper published in Proceeding Volumes	Name of the Proceeding with ISBN No.	Year of Pub
Rabindra Bordoloi	Gandhiji's Views on Non-violence and its Relevance in The Present Day Context	Gandhian Thought and its Relevance in the Age of Globalisation, Proceeding Book of UGC Sponsored National Seminar, Editor: Dr. Dhiren Tamuli, ISSN 978-81-924389-8-6, pp. 184-190	
	Urbanization in Assam and its Impact in the Society.	Urbanization and its Impact in Today's World with Special Reference to North-East India, a book published by C.K.B. Commerce College, Jorhat, 2012.	2012
Nirmal Jyoti Konwar	Ahom Royal Temple Policy and its Supervisory Machinery.	Souvenir, 28 th proceeding volume of NEIHA annual Conference, 2010.	2010
	'The Relevance of Mahatma Gandhi's Educational Philosophy for the 21 st Century'	Relevance of Gandhian Philosophy in Contemporary India, Editor: Krisna Kanta Handique, ISBN: 978-81922338-0-2, pp. 142-148	2011
	Tourism of Assam: Problems and Prospects'	Government schemes in North East India: Policy Implementation and Evaluation, Editor: Paranan Konwar, ISBN: 978-81-924415-1-1, pp. 93-97	2012
	Apogee: A mirror of racial entity of Mishings and its impact on their social and economic life'	Problematics on Ethnicity, Identity & Literature, the Pre-Conference Proceeding volume, ISEIL, Editor: Dr. Anooradha Chakrabarty Borua & Dr. Hemanta Kr. Nath, ISBN: 978-81-924140-5-1, pp.718-720	2012
	Economic thought of Mahatma Gandhi and its relevance in the age of Globalisation	Gandhian Thought and its Relevance in the Age of Globalisation, Editor: Dr. Dhiren Tamuly, ISBN 978-81-924389-8-6, pp. 147-151	2013

Chapters in Edited Book

Name of the Faculty	Chapter in Books		
	Title of the Chapter with page no.	Name of the Book with ISBN No.	Year of Pub
Nirmal Jyoti Konwar	Terrorism and Violation of Human Rights in Assam'	<i>Prospect of Politics and Society</i> , Joy Prakash Oza (ed.), Jorhat, 2012, pp.83-90, ISBN 978-93-82030-20-1	2012

	Gandhiji's Approach to Rural Industrialisation	Gandhi and His Philosophy, Editor: Dr. Dipen Saikia & Deba Kumar Datta, Dhemaji, ISBN: 978-81-923294-1-3, pp. 350-356	2013
	Gandhiji's view on Rural Development in the present day context	Mahatma Gandhi: The Architect of India, Editor: Krishnaji Handique, ISBN: 978-81-922338-2-6	2012
Rabindra Bordoloi	Deforestation in Assam and its impact on Environment: A Study on Kaki Reserved Forest Villagers	Environmental Awareness: A Great Challenge to control Environmental Pollution, ISBN: 978-81-921869-6-2	2011
	Autonomy Movement of Tiwa Tribe in Assam	<i>Prospect of Politics and Society</i> , Editor: Joy Prakash Oza, Jorhat, ISBN 978-93-82030-20-1, pp. 83-90	2012
	Gandhiji's Approach to Revival of Economic Life in Rural India	Gandhi and His Philosophy, Editor: Dr. Dipen Saikia & Deba Kumar Datta, Dhemaji, ISBN: 978-81-923294-1-3, pp. 342-349	2013
	Gandhian Approach on Communal Harmony and its Relevance in the Present day Context.	A Study on Gandhian Philosophy, Editor: Dr. Krishna Jyoti Handique, ISBN: 978-81-921869-5-5, pp. 298-308	2011

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Mono graphs	Chapter in Books	Citation Index	SNIP	SJR	Impact factor	h-index
Mrs Jeeta Bora Deka	0	0	0	0	0	0	0	0	0
Mr Budhin Dutta	0	0	0	0	0	0	0	0	0
Mr Nirmal Jyoti Konwar	0	0	0	2	0	0	0	0	0
Mr Rabindra Bordoloi	0	0	0	4	0	0	0	0	0

20. Areas of consultancy and income generated: Nil

21. Faculty as members in
 a) National committees
 b) International Committees
 c) Editorial Boards.... Nil
22. Students projects (for major student only)
 a) Percentage of students who have done in-house projects including inter departmental/programme 80%
 (b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories / Industry/other agencies : Nil
23. Awards/ Recognitions received by faculty and students : Nil
24. List of eminent academicians and Scientists/ visitors to the department : Nil
25. Seminars/Conferences/Workshops organized & the source of funding
 (a) National
 (b) International : Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- History	2010-11	5	4	2 2	100%
UG- History	2011-12	12	7	5 2	55%
UG- History	2012-13	11	8	4 4	100%
UG- History	2013-14	7	4	3 1	50%

*M = Male *F = Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLAT, GATE, Civil services, defense services etc? : Nil

29. Students Progression

Student progression	Against % enrolled			
	2010-11	2011-12	2012-13	2013-14
UG to PG	50%	30%	25%	25%
PG to M. Phil.	NA	NA	NA	NA
PG to Ph.D.	NA	NA	NA	NA
Ph.D. to Post-Doctoral	NA	NA	NA	NA
Employed				
• Campus selection				
• Other than campus recruitment				
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

a) Library:

There is a departmental library with 230 books.

b) Internet facilities for Staff & Students:

Yes, the college provides computer and Internet facilities to the department. Further the college provides computer training to teacher and students centrally by the Computer Centre.

c) Class rooms with ICT facility:

There are two smart class rooms at the college centrally.

d) Laboratories:

There is no laboratory in the department.

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

Financial assistance from college	Year	Number of students
(Students' Aid Fund)	2010-11	0
	2011-12	0
	2012-13	1
	2013-14	1
Government Scholarship	2010-11	2
	2011-12	1
	2012-13	3
	2013-14	0

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

Sl. No.	Name of the external expert	Special lectures / workshops / Seminar	Date
1	Dr. Tasadduk Amanul Hussain, a prominent historian	A seminar on the topic, 'The political condition of Assam after 1826'.	27 th September, 2012
2	Dibya Jyoti Konwar, Department of History, Sonari College	A seminar on the topic "A Portrayal of British Imperialisim in India"	24 th September, 2014

33. Teaching methods adopted to improve student learning:

(a) Teaching:

- (i) Regular classroom teaching using chalk-talk method, use of audio-visual aids etc.
- (ii) Conducting Remedial classes for students belonging to backward classes,
- (iii) Organizing seminars, group discussions, workshops, film shows (related to textual subjects)

(b) Consultancy:

- (i) Career counseling of students through classroom guidance, seminars, and group discussions.
- (ii) Personal counseling of students outside the classroom on a one-to-one basis, especially in the department.

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

Mr. Budhin Dutta, the coordinator of Aryavatta Science Centre, has organized seminars and takes active participation in popularizing the idea of scientific awareness among the children of North East India.

In 2011, a seminar on the topic 'Transit of Venus' was organized under the guidance of Mr. Budhin Dutta for popularizing science awareness.

In 2012, a district level conference of National Children Science Congress was organized under the leadership of Budhin Dutta. The other faculty members and students of the History dept. actively take part as host of the function.

35. SWOC analysis of the department and Future plans:

Strength:

- (i) Availability of important books in the Departmental Library.
- (ii) Facility of internet in the departmental computer.
- (iii) Maps and Globes are available for the academic benefit of the student.
- (iv) Energetic and enthusiastic faculties in the department.

Weakness:

- (i) Insufficient furniture, departmental classrooms.
- (ii) Lack of separate library room.

Opportunity:

- (i) Department has a scope of promoting tourism courses.
- (ii) A museum can be started with the subject of ancient heritage.

Challenges:

- (i) Wrong notion on the difficulty of the History subject.
- (ii) Lack of awareness of the parents of the students regarding the importance of the subject in the competitive examinations.

Future Plan

- (i) Enhancement of the Departmental library.
- (ii) Up-gradation of the department (e.g. having a departmental LCD Projector, Printer etc.).
- (iii) Organization of departmental Excursions for students.
- (iv) Organizing two National Seminars in next five years.

Evaluative Report of the Departments

DEPARTMENT OF MATHEMATICS

1. Name of the department : **MATHEMATICS**
2. Year of Establishment : **1970**
3. Names of Programmes / Courses offered : **UG- Mathematics**
4. Names of Interdisciplinary courses and the departments/units involved : **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester Pattern**
6. Participation of the department in the courses offered by other departments : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**
8. Details of courses/programmes discontinued (if any) with reasons : **Nil**
9. Number of Teaching posts:

Designation	Sanctioned	Filled
Associate Professors	1	1
Asst. Professors	3	2

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
Dr. Mira Choudhury	M Sc, Ph. D.	Associate Professor	Fluid Dynamics	26	0
Dr. Dusmanta Kumar Sut	M Sc, Ph. D	Asst. Professor	Fluid Dynamics, Fuzzy Mathematics	6	3
Udoy Narayan Gogoi	M Sc, M. Phil	Asst. Professor	Fluid Dynamics, Fuzzy Mathematics	5	0

11. List of senior visiting faculty : **Nil**

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

13. Student-Teacher Ratio (programme wise)

Year	Ratio of Student- Teacher
2010-11	15 : 1
2011-12	22 : 1
2012-13	25 : 1
2013-14	30 : 1

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

15. Qualifications of teaching faculty with Dsc/D.Litt/Ph.d/MPhil/PG:

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
02	01	0

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

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

18. Research Centre /facility recognized by the University : Nil

19. Publications:

* a) Publication per faculty

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

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

* Monographs

* Chapter in Books

* Books Edited

* Books with ISBN/ISSN numbers with details of publishers

* Citation Index

* SNIP

* SJR

* Impact factor

* h-index

Research papers published in national and international journals

Name of the Faculty	Paper		
	Title of the Paper	Name of the Journal with ISSN No.	Year of Pub
Dr Mira Choudhury	MHD Natural Convection from a Heated Vertical Wavy Surface with Variable Viscosity and Thermal Conductivity.	International Journal of Dynamics of Fluids, Vol. 7, No.2 , pp. 189-201, 2011. ISSN 0973-1784	2011
	The Effects of Variable Viscosity and Thermal Conductivity on MHD Oscillatory Free Convective Flow Past a Vertical Plate in Slip Flow Regime with Variable Suction and Periodic Plate Temperature.	Journal of Applied Fluid Mechanics, Vol. 6, No. 2, pp. 277-283, 2013, ISSN 1735-3572, EISSN 1735-3645	2013
	Effect of Temperature Dependent Viscosity and Thermal Conductivity on Unsteady MHD Natural Convection in a Porous Medium between two layer vertical wavy walls	International Journal of Engineering & Technology, ISSN 2278-0, Vol. 2, No. 12, pp. 62-69	2013
Dr Dusmanta Kumar Sut	Casson Fluid Model For Pulsatile Flow of Blood Under Velocity Slip condition in presence of Magnetic Effect	Journal of Indian Academy of Mathematics, Volume 32, No. 1, pp. 59-68 (2010) (Jointly with G. C. Hazarika)	2010
	A New Approach to the Theory of Soft Sets	International Journal of Computer Applications, ISSN 0975-8887, Volume 32, No. 2, pp. 1-6 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	An Application of Fuzzy Soft Sets in Decision Making Problems Using Fuzzy Soft Matrices	International Journal of Mathematical Archieve, ISSN 2229-5046, Volume 2, No. 11, pp. 2258-2263 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	An Application of Fuzzy Soft Sets in Medical Diagnosis using Fuzzy Soft Complement	International Journal of Computer Applications, ISSN 0975 – 8887, Volume 33, No. 9, pp. 30-33 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	Complement of an Extended Fuzzy Set	International Journal of Computer Applications, ISSN 0975–8887, ISSN 0975 -8887, Volume 29, No. 3, pp. 39-45 (2011) (Jointly with Tridiv Jyoti Neog)	2011

	Generalized Union and Intersection of Fuzzy Soft Sets	International Journal of Mathematics Trends and Technology, ISSN 2231-5373, Volume 2, No. 2, pp. 11-14 (2011) (Jointly with Chandana Goswami, Tridiv Jyoti Neog)	2011
	On Union and Intersection of Fuzzy Soft Set	International Journal of Computer Technology and Application, ISSN 2229-6093, Volume 2, No. 5, pp. 1160-1176 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	Theory of Fuzzy Soft Sets from a New Perspective	International Journal of Latest Trends in Computing, ISSN 2045-5364, Volume 2, No. 3, pp. 439-450 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	Union and Intersection of Fuzzy Sets and Fuzzy Soft Sets: A Generalized Approach	International Journal of Mathematical Archive, ISSN 2229-5046, Volume 2, No. 10, pp. 1953-1962 (2011) (Jointly with Tridiv Jyoti Neog)	2011
	Union and Intersection of Fuzzy Soft Sets	Indian Journal of Social Science and Sciences, ISSN 2231- 2447, Volume 1, No. 2, pp. 244-246 (2011) (Jointly with Chandana Goswami)	2011
	Analysis of Pulsatile Flow of Blood in a Porous Channel under Effect of Magnetic Field	International Journal of Computer Technology & Applications, ISSN 2229-6093, Volume 2, No. 6, pp. 2001-2014 (2011) (Jointly with Mitali Sarma)	2011
	Blood Flow in Channels with Permeable Boundaries in Presence of Applied Magnetic Field	Indian Journal of Social Science and Sciences, ISSN 2231- 2447, Volume 1, No. 2, pp. 125-129 (2011) (Jointly with Mitali Sarma)	2011
	Casson Fluid Model for Blood Flow with velocity in presence of Magnetic Effect	Journal of Indian Academy of Mathematics, ISSN 0970-5120, Accepted (Jointly with G. C. Hazarika)	
	Effect of Applied Magnetic Field on Pulsatile Flow of Blood in a Porous Channel	International Journal of Computer Technology & Applications, ISSN 2229-6093, Volume 2, No. 6, pp. 1779-1785 (2011) (Jointly with Sarfraz Ahmed)	2011
	Effect of Magnetic Field on Pulsatile Flow of Blood in a Porous Channel	International Journal of Mathematical Archive, ISSN 2229-5046, Volume 2, No. 11, pp. 2251-2257 (2011) (Jointly with G. C. Hazarika)	2011

	Poiseuille Flow of Power-Law Fluid Model for Blood with Velocity Slip in Presence of Magnetic Effect	Journal of Indian Academy of Mathematics, ISSN 0970-5120, Volume 33, No. 1, pp. 321-330 (2011) (Jointly with G. C. Hazarika)	2011
	Study the Effect of Variable Viscosity and Thermal Conductivity of Micropolar Fluid in a Porous Channel Study the Effect of Variable Viscosity and Thermal Conductivity of Micropolar Fluid in a Porous Channel	International Journal of Computer Technology & Applications, ISSN 2229-6093, Volume 2, No. 5, pp. 1247-1255 (2011) (Jointly with Gitima Patowary)	2011
	Study the Effect of Variable Viscosity and Thermal Conductivity of Micropolar Fluid past a Continuously Moving Plate with Suction or Injection in Presence of Magnetic Field Study the Effect of Variable Viscosity and Thermal Conductivity of Micropolar Fluid past a Continuously Moving Plate with Suction or Injection in Presence of Magnetic Field	International Journal of Mathematics Trends and Technology, ISSN 2231-5373, Volume 2, No. 2, pp. 32-36 (2011) (Jointly with Gitima Patowary)	2011
	Study the Micropolar Fluid Flow near the Stagnation on a Vertical Plate with Prescribed Wall Heat Flux Study the Micropolar Fluid Flow near the Stagnation on a Vertical Plate with Prescribed Wall Heat Flux	International Journal of Computer Technology & Applications, ISSN 2229-6093, Volume 2, No. 6, pp. 1768-1778 (2011) (Jointly with Gitima Patowary)	2011
	Implementation of Core Banking Systems (CBS) in the Banks: Special Reference to Sivasagar District	Indian Journal of Social Science and Sciences, ISSN 2231-2447, Volume 1, No. 1, pp. 73-77 (2011) (Jointly with Mrinal Dutta)	2011
	Implementation of Internet Banking in the Banks: Special Reference to Sivasagar District	Indian Journal of Social Science and Sciences, ISSN 2231-2447, Volume 1, No. 1, pp. 95-98 (2011) (Jointly with Mrinal Dutta)	2011
	An Application of Extended Notion of Similarity of Generalized Fuzzy Soft Sets In Medical Diagnosis	International Journal of Mathematical Archieve, ISSN 2229-5046, Volume 3, No. 3, pp. 939-948 (2012) (Jointly with Tridiv Jyoti Neog)	2012
	An application of Fuzzy Soft Relation in Decision Making Problems	International Journal of Mathematics Trends and Technology, ISSN 2231-5373, Volume 3, No. 2, pp. 50-53 (2012)	2012

	An Application of Similarity of Fuzzy Soft Sets in Decision Making	International Journal of Computer Technology & Applications, ISSN 2229-6093, Volume 3, Issue 2, pp. 742-745 (2012)	2012
	An Extended Approach To Generalized Fuzzy Soft Sets	International Journal of Energy, Information and Communications, ISSN 2093-9655, Volume 3, No. 2, pp. 1-16 (2012) (Jointly with Tridiv Jyoti Neog)	2012
	An Introduction to the Theory of Imprecise Soft Sets	I. J. Intelligent Systems and Applications, ISSN 1927-5307, Volume 11, pp. 75-83 (2012) (Jointly with Tridiv Jyoti Neog)	2012
	Application of Generalized Fuzzy Soft Sets in Teaching Evaluation Application of Generalized Fuzzy Soft Sets in Teaching Evaluation	International Journal of Latest Trends in Computing, ISSN 2045-5364, Volume 3, No. 1, pp. 25-29 (2012) (Jointly with Manash Jyoti Bora, Tridiv Jyoti Neog)	2012
	A Study on Some Operations of Fuzzy Soft Sets A Study on Some Operations of Fuzzy Soft Sets	International Journal of Modern Engineering Research (IJMER), ISSN 2249-6645, Volume 2, No. 2, pp. 219-225 (2012) (Jointly with Manash Jyoti Bora, Tridiv Jyoti Neog)	2012
	Fuzzy Soft Matrix Theory And Its Decision Making Fuzzy Soft Matrix Theory And Its Decision Making	International Journal of Modern Engineering Research (IJMER), ISSN 2249-6645, Volume 2, No. 2, pp. 121-127 (2012) (Jointly with Manash Jyoti Bora, Tridiv Jyoti Neog)	2012
	Fuzzy Soft Relation: A New Approach	International Journal of Mathematical Science & Engineering Applications (IJMSEA), ISSN 0973-9424, Volume 6, No. 1, pp. 1-12 (2012) (Jointly with Chandana Goswami, Tridiv Jyoti Neog)	2012
	Fuzzy Soft Topological Spaces	International Journal of Latest Trend in Mathematics, ISSN 2049-2561, Volume 2, No. 1, pp. 54-67 (2012) (Jointly with Tridiv Jyoti Neog, G. C. Hazarika)	2012
	On Fuzzy Soft Complement and Related Properties	International Journal of Energy, Information and Communications, ISSN 2093-9655, Volume 3, No. 1, pp. 23-33 (2012) (Jointly with Tridiv Jyoti Neog)	2012
	On Fuzzy Soft Matrix Theory On Fuzzy Soft Matrix Theory	International Journal of Mathematical Archive, ISSN 2229-5046, Volume 3, No. 2, pp.	2012

		1-10 (2012) (Jointly with Tridiv Jyoti Neog, Monoj Bora)	
	On Generalized Intuitionistic Fuzzy Soft Sets On Generalized Intuitionistic Fuzzy Soft Sets	Journal of Mathematical and Computational Science, ISSN 1927-5307, Volume 2, No. 4, pp. (2012) (Jointly with Monoj Bora, Tridiv Jyoti Neog)	2012
	On Soft Multisets Theory	International Journal of Advanced Computer and Mathematical Sciences, ISSN 2230-9624, Volume 3, Issue 3, pp. 295-304 (2012) (Jointly with Tridiv Jyoti Neog)	2012
	Relations on Fuzzy Soft Set	Journal of Mathematical and Computational Science, ISSN 1927-5307, Volume 2, No. 3, pp. 515-534 (2012) (Jointly with Manash Jyoti Bora, Tridiv Jyoti Neog)	2012
	Some New Operations of Fuzzy Soft Sets	Journal of Mathematical and Computational Science, ISSN 1927-5307, Volume 2, No. 5, pp. 1186-1199 (2012) (Jointly with Tridiv Jyoti Neog)	2012
	Some New Operations of Intuitionistic Fuzzy Soft Sets	International Journal of Soft Computing and Engineering (IJSCE), ISSN 2231-2307, Volume 2, Issue 4, pp 21-26, (2012) (Jointly with Monoj Bora, Tridiv Jyoti Neog)	2012
	Some Results on Generalized Fuzzy Soft Sets	International Journal of Computer Technology & Applications, ISSN 2229-6093, Volume 3, No. 2, pp. 583-591(2012) (Jointly with Manash Jyoti Bora, Tridiv Jyoti Neog)	2012
	Some Results on Intuitionistic Fuzzy Soft Sets	International Journal of Mathematics Trends and Technology, ISSN 2231-5373, Volume 3, No. 2, pp. 63-69 (2012) (Jointly with Monoj Bora, Tridiv Jyoti Neog)	2012
	Study of Blood Flow with Effects of Slip in Arterial Stenosis due to Presence of Transverse Magnetic Field	International Journal of Mathematical Archieve, ISSN 2229-5046, Volume 3, No. 3, pp. 983-999	2012
	Intuitionistic fuzzy soft matrix theory and its application in medical diagnosis	Annals of Fuzzy Mathematics and Informatics, ISSN 2287-6235, Volume 7, No. 1, pp. 143-153 (2014) (Jointly with Monoj Bora, Tridiv Jyoti Neog)	2014
	Topological Structure of Imprecise soft set	Annals of Fuzzy Mathematics and Informatics, ISSN 2287-6235	2014

		(2014), Accepted (Jointly with Tridiv Jyoti Neog)	
Mr Uday Narayah Gogoi	A Probabilistic Approach to Thermal Boundary Layer Theorem	International Journal for Basic Science & Social Sciences, ISSN 2319-2968, pp. 150-157	2013
	Fuzziness on Temperature Distribution on Coutte Type Flow	Research Journal of Mathematics & Computational Science, ISSN 2319-3052, pp. 1-5	2013

Monograph

Name of the Faculty	Monographs		Year of Pub
	Title of Monograph	Publisher	
Dr Dusmanta Kumar Sut	Mathematical Studies of Certain Second Order Blood Flow Problems: A Computer Oriented Numerical Approach	VDM Verlag Dr. Muller, Germany; ISBN-10: 3639316053, ISBN-13: 978-3639316056; Published date: February 11, 2011 (Co author Dr. G. C. Hazarika)	2011
	Theory of Fuzzy Soft Sets	Lambert Academic Publishing (LAP), Germany; ISBN-10: 3659454222, ISBN-13: 978-3-659-45422-6, EAN: 9783659454226; Published date: September 17, 2013 (Co author Tridiv Jyoti Neog)	2013

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Mono graphs	Chapt er in Books	Citat ion Index	SNI P	SJ R	Imp act factor	h- index
Dr. Meera Choudhury	4	4	0	0	0	0	0	0	0
Dr. Dusmanta Kumar Sut	43	43	2	0	168	0	0	0	10
Mr Uday Narayan Gogoi	2	2	0	0	0	0	0	0	0

20. Areas of consultancy and income generated: Nil

21. Faculty as members in
 a) National committees
 b) International Committees
 c) Editorial Boards....

Faculty	As	Name of the Journal
Dr. D. K. Sut	Managing Editor	International Journal for Basic Sciences and Social Sciences
-do-	Managing Editor	Research Journal of Mathematical and Computational Science

22. Students projects (for major student only)
 a) Percentage of students who have done in-house projects including inter departmental/programme Nil
 (b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/other agencies : Nil
 23. Awards/ Recognitions received by faculty and students : Nil
 24. List of eminent academicians and Scientists/ visitors to the department :

Name & Designation	Purpose of Visit/ Topic	Date
Dr. D. Sarma, Principal, Kakojan College, Jorhat Dr. Utpal Sarma, Associate Professor, Jaya Gogoi College, Golghat Dr. K. G. Sinha, Marioni	Seminar on Mathematical Modelling	27 Nov, 2013
Dr. K. G. Sinha, Marioni	Workshop on Mathematica and Matlab	9 June, 2014

25. Seminars/Conferences/Workshops organized & the source of funding
 (a) National
 (b) International : Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- Mathematics	2010-11	3	3	2 1	100%
UG- Mathematics	2011-12	4	4	3 1	50%
UG- Mathematics	2012-13	7	7	6 1	
UG- Mathematics	2013-14	8	8	7 1	

*M = Male *F = Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG- Mathematics	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET,SLAT, GATE,Civil services, defense services etc? : Nil

29. Students Progression

Student progression	Against % enrolled			
	2010-11	2011-12	2012-13	2013-14
UG to PG	0	0	67%	25%
PG to M. Phil.	NA	NA	NA	NA
PG to Ph.D.	NA	NA	NA	NA
Ph.D. to Post-Doctoral	NA	NA	NA	NA
Employed				
• Campus selection				
• Other than campus recruitment				
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

a) Library:

The department had started a library from July, 2010. Total 72 numbers of books are recorded in Accession Register. The department plans to optimize the library resources so that the student gets the text books prescribed in the syllabus.

b) Internet facilities for Staff & Students :

There is Internet facility for staff at the department and computer center for students.

c) Class rooms with ICT facility :

There are two smart class room in the college centrally.

d) Laboratories:

One Computer Laboratory with five computers available for the students.

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

Financial assistance from college	Year	Number of students
(Students' Aid Fund)	2010-11	0
	2011-12	0
	2012-13	0
	2013-14	0
Government Scholarship	2010-11	1
	2011-12	2
	2012-13	1
	2013-14	0

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

Sl. No.	Name of the external expert	Special lectures / workshops / seminar	Date
	Dr. K. G. Sinha, Marioni	Workshop on Mathematica and Matlab	9 June, 2014

33. Teaching methods adopted to improve student learning:

Regular classroom teaching using chalk-talk method, use of audio-visual aids etc.

Organizing seminars, group discussions, workshops, film shows (related to textual subjects)

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

Nil

37. SWOC analysis of the department and Future plans:

Strength:

1. Dedicated and well qualified teachers with two Ph.D. and M.Phil
2. Initiatives for deserving students.
3. Internet connectivity for the faculty and students.

Weakness:

1. Shortage of permanent faculty member.
2. Lack of funding to expand programme.
3. Insufficient space for faculty.
4. Inadequate and insufficient computer laboratory.
5. Lack of interest among the students to appear for competitive examination.
6. Lack of English communication skill among students.

Opportunity:

1. To involve the faculty in research activity

Challenges:

1. Student unwilling to go for traditional courses.
2. To provide job opportunities to the degree holders.
3. To poor economic background of the locality.

Future Plan

1. To start Post Graduate course.
2. Organising National and International seminars.

Evaluative Report of the Departments

DEPARTMENT OF PHYSICS

1. Name of the department : **PHYSICS**
2. Year of Establishment : **1970**
3. Names of Programmes / Courses offered : **UG- Physics**
4. Names of Interdisciplinary courses and the departments/units involved : **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester Pattern**
6. Participation of the department in the courses offered by other departments : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**
8. Details of courses/programmes discontinued (if any) with reasons : **Nil**
9. Number of Teaching posts:

Designation	Sanctioned	Filled
Associate Professors	3	3
Asst. Professors	2	2

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
Dr. Lakhiram Khanikar	M. Sc, Ph. D	Associate Professor & Head	Electronics and Radio Physics	32	Nil
Mrs. Bharati Devi	M. Sc.	Associate Professor	Solid State Physics	32	Nil
Dr. Budhindra Nath Saikia	M. Sc, Ph. D	Associate Professor	Theoretical Nuclear Physics	29	Nil

Dr. Rajnish Saikia	M. Sc, Ph. D	Assistant Professor	Electronics and Radio Physics	6	Nil
Mr. Swagotom Debnath	M. Sc.	Assistant Professor	Space and Atmosphere Physics		Nil

11. List of senior visiting
12. Percentage of lectures and practical classes (programme wise) by
13. Student-Teacher Ratio

Year	Ratio of Student- Teacher
2010-11	5 : 44
2011-12	5 : 53
2012-13	4 : 103
2013-14	4 : 109

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : 02
15. Qualifications of teaching faculty with Dsc/D.Litt/Ph.d/MPhil/PG:

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
03	0	2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre /facility recognized by the University : Nil
19. Publications:
 - * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers
 - * Citation Index
 - * SNIP

- * SJR
- * Impact factor
- * h-index

Articles published in proceedings of seminars organised by different institutions

Name of the Faculty	Paper		
	Title of the Paper published in Proceeding Volumes	Name of the Proceeding with ISBN No.	Year of Pub
Dr. Lakhiram Khanikar	Effect of ultra short pulse widths on soft x-ray laser gain	Proceedings of National Conference on Physical Sciences, Published by DHSK College, Dibrugarh, ISBN 978-93-82746-02-7, pp. 120-123	2013
Dr. Budhindra Nath Saikia	Theoretical investigation of self focusing of intense laser radiation using critical non linear Schrödinger equation	Proceedings of National Conference on Physical Sciences, Published by DHSK College, Dibrugarh, ISBN 978-93-82746-02-7, pp. 192-199	2013

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Monographs	Chapter in Books	Citation Index	SNI P	SJR	Impact factor	h-index
Dr. Lakhiram Khanikar	0	0	0	0	0	0	0	0	0
Mrs Bharati Devi	0	0	0	0	0	0	0	0	0
Dr. Budhindra Nath Saikia	0	0	0	0	0	0	0	0	0
Dr. Rajnish Saikia	0	0	0	0	0	0	0	0	0
Mr. Swagotom Debnath	0	0	0	0	0	0	0	0	0

20. Areas of consultancy and income generated: Nil
21. Faculty as members in
a) National committees
b) International Committees
c) Editorial Boards.... Nil
22. Students projects (for major student only)
a) Percentage of students who have done in-house projects including inter departmental/programme Nil
(b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/other agencies : Nil
23. Awards/ Recognitions received by faculty and students : Nil
24. List of eminent academicians and Scientists/ visitors to the department : Nil
25. Seminars/Conferences/Workshops organized & the source of funding
(a) National
(b) International : Nil
26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- Physics	2010-11	8	6	5 1	67%
UG- Physics	2011-12	25	20	19 1	30%
UG- Physics	2012-13	28	24	18 6	
UG- Physics	2013-14	35	26	23 3	

*M = Male *F = Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG- Physics	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET,SLAT, GATE,Civil services, defense services etc? : Nil

29. Students Progression

Student progression	Against % enrolled			
	2010-11	2011-12	2012-13	2013-14
UG to PG	0	50%	50%	54%
PG to M. Phil.	NA	NA	NA	NA
PG to Ph.D.	NA	NA	NA	NA
Ph.D. to Post-Doctoral	NA	NA	NA	NA
Employed				
• Campus selection				
• Other than campus recruitment				
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

a) **Library:**

The departmental library which caters to the need of the students of the department has a collection 150 volumes. The faculties as well as the students utilize the stock of text books and references from the library. The books are issued to the students under a registration system and a faculty member is assigned to control the procedure of the library.

b) **Internet facilities for Staff & Students:**

The department is equipped a computer which serves the department in various ways. It facilitates in preparing study materials, departmental routine, syllabi, results of students, students attendance, records of book list in the departmental library, faculty profile, list of equipments, departmental notices

etc. The internet facilities availed by the faculties and students are made with the help of the departmental computer. The Departmental internet is used for collecting references study materials, various up to date information regarding higher studies and employment of the students.

c) Class rooms with ICT facility:

The faculties of the Department usually adopt the lecture method; however interactive method and use of modern means of teaching like computer and LCD projector are used in imparting teaching in some cases. Making use of ICT the faculties quite often prepare their teaching material and propagates up to date knowledge on the basis of information available in it.

d) Laboratories:

The departmental laboratories provide facilities to all the major and general students of degree programme to conduct their experiments. The equipments are about sufficient for their practical programmes. New experimental systems are procured from time to time on the availability of fund in tune with the syllabi of the degree programmes.

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

Financial assistance from college	Year	Number of students
(Students' Aid Fund)	2010-11	31
	2011-12	0
	2012-13	0
	2013-14	0
Government Scholarship	2010-11	1
	2011-12	11
	2012-13	2
	2013-14	0

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

Sl. No.	Name of the external expert	Special lectures / workshops / seminar	Date
	Dr. D. K. Khargharia. Senior Lecturer, Deptt. of Physics, P.O.W.I.E.T., Jorhat	Departmental seminar on “An outline on astronomy”	7 Dec, 2010
	Dr. S. N. Bora. Associate Prof., Deptt. of Physics, D.K.D. College, Dergaon	Departmental seminar on “Physics of Stars”	4 Nov, 2013

33. Teaching methods adopted to improve student learning:

Methods adopted are chalk and talk, displaying charts, photos and equipments available in hand and in the college laboratory. Interactive method and use of modern means of teaching like computer and LCD projector are also used in imparting teaching in some cases.

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

- (i) Participate in UG level students programme in Tezpur University
- (ii) Participate in night sky observation by telescope in POWIET, 28th October, 2011
- (iii) Participate in educational excursion to Shillong, 21st to 26th September, 2012
- (iv) Participate in UG and PG level students programme in NEIST, 18th to 21st February, 2013

35. SWOC analysis of the department and Future plans:

Strength:

- 1. Well experienced teachers and researchers
- 2. ICT facility

Weakness:

- 1. Lack of adequate laboratory space, apparatus and faculty members.
- 2. Inadequate infrastructure to promote research.

Opportunity:

Faculties are associated with frontier areas of research, therefore their knowledge and expertise can be utilized to guide the students.

Challenges:

The available research and laboratory facilities are not sufficient to meet the challenges of modern trend of research in Physics. However, theoretical works in the challenging field of research such as development of X-ray, laser system and self focusing of laser have been carried out by the faculties.

Future Plan:

The department plans to provide well-equiped laboratory to the students so that preliminary research/ survey works can be performed by the students in addition to the facilities available for academic requirement. The faculties like to opt for minor as well as major project UGC/ DST etc.

Evaluative Report of the Departments **DEPARTMENT OF POLITICAL SCIENCE**

1. Name of the department : **POLITICAL SCIENCE**
2. Year of Establishment : **1959**
3. Names of Programmes / Courses offered : **UG-Pol. Science**
4. Names of Interdisciplinary courses and the departments/units involved :
Human Rights Education Certificate Course Sponsored by UGC
5. Annual/ semester/choice based credit system (programme wise) : **Semester Pattern**
6. Participation of the department in the courses offered by other departments : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**
8. Details of courses/programmes discontinued (if any) with reasons : **Nil**
9. Number of Teaching posts:

Designation	Sanctioned	Filled
Associate Professors	2	2
Asst. Professors	2	1

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
Mr. Gunaram Nath	M. A.	Associate Professor	International Law	28	Nil
Mr. Joy Prakash Oza	M. A.	Assistant Professor	Public Administration	17	Nil
Mr. Hemendra Thengal	M. A.	Assistant Professor	Political Theory	13	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)

Year	Ratio of Student- Teacher
2010-11	112 : 1
2011-12	94 : 1
2012-13	63 : 1
2013-14	84 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil
15. Qualifications of teaching faculty with Dsc/D.Litt/Ph.d/MPhil/PG:

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
0	0	3

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : National – 2
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre /facility recognized by the University : Nil
19. Publications:
- * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited
 - * Books with ISBN/ISSN numbers with details of publishers
 - * Citation Index
 - * SNIP
 - * SJR
 - * Impact factor
 - * h-index

Research papers published in national and international journals

Name of the Faculty	Paper		
	Title of the Paper	Name of the Journal with ISSN	Year of Pub
Gunaram Nath	Human induced threat to biodiversity in North-East India with special reference to Majuli, 2012, pp 15-24.	International Journal of Basic Science and Social Science, E-ISSN-2319-2968, Vol. 1, No. 1	2012
	Peoples participation in rural re-constitution	Modhukoree, Annual Magazine, ACTA, Jorhat Zone, ISBN-978-93-82030-096, Vol.1, pp. 63-71	2012

Articles published in proceedings of seminars organised by different institutions

Name of the Faculty	Paper		
	Title of the Paper published in Proceeding Volumes	Name of the Proceeding with ISBN No.	Year of Pub
Gunaram Nath	Role of PRIs in creating awareness among rural people: A case study	Dimensions of Rural Development in North-East India: A Critical Study, ISBN 978-93-81694-14-5, pp. 134-150	2012
Joyprakash Oza	Apong: A mirror of racial entity of Mishings and its impact on their social and economic life	Problematics on Ethnicity, Identity & Literature, the Pre-Conference Proceeding volume, ISEIL, Editor: Dr. Anooradha Chakrabarty Borua & Dr. Hemanta Kr. Nath, ISBN: 978-81-924140-5-1, pp.718-720	2012

Chapters in Edited Book

Name of the Faculty	Chapter in Books		
	Title of the Chapter with page no.	Name of the Book with ISBN No.	Year of Pub
Gunaram Nath	Feminist movement in global context with reference to India versus crime against women	Prospects of Politics and Society, ISBN-978-93-82030-20-1, pp. 28-41	2012
	Problems and Prospects of rural tourism in North-Eastern region with special reference to Majuli, 2012	Crafts and Culture in North-East India, ISBN 978-81-922338-7-1, pp. 154-167	2012
Joy Prakash Oza	Terrorism and Violation of Human Rights in Assam	Prospects of Politics and Society. Ed. Joy Prakash Oza. Unika Prakashan: Jorhat. pp. 83-90, ISBN 978-93-82030-20-1	2012

Book Edited/ Published

Name of the Faculty	Books Edited	Publisher with ISBN	Year of Pub
	Title of the Book		
Joyprakash Oza	Prospects of Politics and Society	Unika Prakashan: Jorhat, ISBN 978-93-82030-20-1	2012

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Mono graphs	Chapter in Books	Citation Index	SNI P	SJR	Impact factor	h-index
Mr. Gunaram Nath	2	2	0	2	0	0	0	0	0
Mr. Joy Prakash Oza	0	0	0	1	0	0	0	0	0
Mr. Hemendra Thengal	0	0	0	0	0	0	0	0	0

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees

b) International Committees

c) Editorial Boards....

All faculty members are life member of NEIPSA

22. Students projects (for major student only)

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

Nil

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

: Nil

23. Awards/ Recognitions received by faculty and students

: Nil

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

Name & Designation	Purpose of Visit/ Topic	Date
Dr. Jojnashwar Bora, Principal C.K.B. College, Teok	Workshop on Right to Life and Personal Freedom	18 Feb, 2012
Dr. Justice Altab H. Saikia, Hon'ble Chairperson, Assam Human Rights Commission Prof B. N. Pandey, Dean, Faculty of Law, Banaras Hindu University Dr. Nonigopal Mahanta, Associate Professor, Gauhati University Dr. Bolin Hazarika, Associate Professor & HoD, Political Science, J.B. College	Workshop on Human Right Education	6 Sept, 2012
Dr. Arpona. Buragohain, HoD, Deptt. of Political Science, Dibrugarh University	Seminar on Faminism: Issues and Concerns	6 Nov, 2013

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

(a)National

(b)International

: National – 1
Workshop on Human Right Education
sponsored by UGC

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- Pol Science	2010-11	16	12	4 8	
UG- Pol Science	2011-12	53	31	23 8	
UG- Pol Science	2012-13	60	34	21 13	
UG- Pol Science	2013-14	47	26	14 12	

*M = Male *F = Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG- Pol. Science	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET,SLAT, GATE,Civil services, defense services etc?

: Defense Services: 05

29. Students Progression

Student progression	Against % enrolled			
	2010-11	2011-12	2012-13	2013-14
UG to PG				
PG to M. Phil.	NA	NA	NA	NA
PG to Ph.D.	NA	NA	NA	NA
Ph.D. to Post-Doctoral	NA	NA	NA	NA
Employed				
• Campus selection				
• Other than campus recruitment				
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

a) Library:

The department has a good library and it was set up in 2003. At present, the departmental library has 110 numbers of books.

b) Internet facilities for Staff & Students:

The department is equipped a computer which serves the department in various ways. It facilitates in preparing study materials, departmental routine, syllabi, results of students, students attendance, records of book list in the departmental library, faculty profile, list of equipments, departmental notices etc. The internet facilities availed by the faculties and students are made with the help of the departmental computer. The Departmental internet is used for collecting references study materials, various up to date information regarding higher studies and employment of the students.

c) Class rooms with ICT facility:

There are two smart class rooms in the college centrally.

d) Laboratories:

There are no laboratory in the department

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

Financial assistance from college	Year	Number of students
(Students' Aid Fund)	2010-11	0
	2011-12	7
	2012-13	4
	2013-14	2
Government Scholarship	2010-11	2
	2011-12	11
	2012-13	6
	2013-14	0

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

Sl. No.	Name of the external expert	Special lectures / workshops / seminar	Date
1	Dr. Swarnalata Hazarika, Associate Professor, Dept. of Political Science, HPB Girls' College, Golaghat Miss Bonti Gogoi, Advocate, Golaghat District Court	Workshop on Human Rights Education	26 Nov, 2011
2	Dr. Jojnashwar Bora, Principal C.K.B. College, Teok Mr. Deep Ranjan Chetia, Advocate, Jorhat District Court	Workshop on Right to Life and Personal Freedom	18 February, 2012
3	Mr. Subhasis Sarma, Asst. Professor, Dept. of Political Science, J.B. College	Special Lecturer on Governance System in India	22 March, 2013
4	Dr. Alpona Borgohain, HoD, Dept. of Political Science, Dibrugarh University	Seminar on Faminism: Issues and Concerns	6 Nov, 2013

33. Teaching methods adopted to improve student learning:

The teaching-learning approach in the department is not so diverse. Besides conventional talk and chalk system, use of chart and model are generally used as teaching aids. The facility of Over Head Projector has been utilized as a teaching aid since 2003. In regards to learning, various processes like seminar, home work, library work, group discussion, project work, visit to reputed organization/industry etc. are used in the department.

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

The faculties' of the department has been actively participating in different social/extension programmes organized by College Teachers' Unit, Women Cell, ASTEC, Assam Academic centre etc.

35. SWOC analysis of the department and Future plans:

Strength:

1. Talented and experienced faculty members.
2. Department has a well equipped teachers' common room.
3. Department has a good library having more than 110 books.
4. Department has a computer with Internet facility.
5. Two MRPs funded by UGC are continuing.
6. One faculty member is pursuing Ph. D. under Dibrugarh University.
7. An UGC sponsored Human Rights Education Certificate course is being conducted by the department.
8. The department has one publication with ISBN.
9. The Political Science forum is the oldest departmental organisation functioning since 1973.
10. *Shristi*, the wall magazine is being published twice every year.
11. A good number of quality students are studying in each semester programme.

Weakness:

1. A position of faculty member is lying vacant for more than one and half year.
2. Lack of sufficient funding for strengthening departmental library.
3. Lack of fund for consultancy services and for inviting visiting faculty.

Opportunity:

1. Departmental library to help the needy students.
2. A computer with Internet facility.
3. Political Science forum to facilitate the student for organizing student workshop, seminar, educational tour etc.

Challenges:

1. Sometimes the faculty members face difficulty in imparting the lessons to the students because of their lack of awareness about some basic concepts of Political Science which is mainly due to their poor socio-economic background. The knowledge obtained by the pupils till 10+2 is not adequate.
2. Lack of sufficient number of reference books in the departmental as well as central library.

Future Plan

1. Proposed to start PG programme in distance education under Dibrugarh University from 2015-16 academic session.
2. Organising workshop, national and regional seminars.
3. Holding student enrichment programmes with external experts.
4. Arrange field works/ field surveys, extension works etc. in accordance with the syllabi prepared by the Dibrugarh University.

Evaluative Report of the Departments

DEPARTMENT OF ZOOLOGY

1. Name of the department : **ZOOLOGY**
2. Year of Establishment : **1970**
3. Names of Programmes / Courses offered : **UG- Zoology**
4. Names of Interdisciplinary courses and the departments/units involved : **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester Pattern**
6. Participation of the department in the courses offered by other departments : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**
8. Details of courses/programmes discontinued (if any) with reasons : **Nil**
9. Number of Teaching posts:

Designation	Sanctioned	Filled
Associate Professors	2	2
Asst. Professors	3	2

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
Mrs. Kalpana Saikia	M. Sc	Associate Professor & HOD	Cell Biology	36	Nil
Dr. Anjumoni Saikia	M. Sc, Ph. D	Associate Professor	Cell Biology	27	Nil
Dr. Manashi Bortamuly	M. Sc, Ph. D	Assistant Professor	Animal Ecology	3	Nil

Mrs. Mitali Chetia	M. Sc	Assistant Professor	Physiology & Biochemistry	1	Nil
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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)

Year	Ratio of Student- Teacher
2010-11	2 : 1
2011-12	3 : 1
2012-13	47 : 1
2013-14	8 : 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil
15. Qualifications of teaching faculty with Dsc/D.Litt/Ph.d/MPhil/PG:

<i>Ph. D.</i>	<i>M. Phil</i>	<i>PG</i>
2	0	2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : National – 1
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil
18. Research Centre /facility recognized by the University : Nil
19. Publications:
 - * a) Publication per faculty
 - * Number of papers published in peer reviewed journals (national / international) by faculty and students
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - * Monographs
 - * Chapter in Books
 - * Books Edited

- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index
- * SNIP
- * SJR
- * Impact factor
- * h-index

Research papers published in national and international journals

Name of the Faculty	Paper		
	Title of the Paper	Name of the Journal with ISSN No.	Year of Pub
Mrs Mitali Chetia	Ultrastructural and Biochemical alterations in rats exposed to crude extract of Carex baccans and Potentilla fulgens	Microscopy and Microanalysis ISSN 1431-9276 OCL 43185372	

Publication per faculty

Name of the Faculty	Number of papers published by faculty and students in peer reviewed journals (national / international)	Number of publications listed in International Database	Monographs	Chapter in Books	Citation Index	SNIP	SJR	Impact factor	h-index
Mrs Kalpana Saikia	0	0	0	0	0	0	0	0	0
Dr. Anjumoni Saikia	0	0	0	0	0	0	0	0	0
Dr. Manashi Bortamuly	0	0	0	0	0	0	0	0	0
Mrs Mitali Chetia	0	0	0	0	0	0	0	0	0

20. Areas of consultancy and income generated: Nil

21. Faculty as members in
a) National committees
b) International Committees
c) Editorial Boards....

Nil

22. Students projects (for major student only)
- a) Percentage of students who have done in-house projects including inter departmental/programme : 100%
- (b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/other agencies : Nil
23. Awards/ Recognitions received by faculty and students : Nil
24. List of eminent academicians and Scientists/ visitors to the department : Nil
25. Seminars/Conferences/Workshops organized & the source of funding
- (a) National
- (b) International : Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Year	Applications received	Selected	Enrolled *M *F	Pass percentage
UG- Zoology	2010-11	20	16	13 3	70%
UG- Zoology	2011-12	26	22	20 2	33%
UG- Zoology	2012-13	31	27	22 5	
UG- Zoology	2013-14	39	25	18 7	

*M = Male *F = Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG- Zoology	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET,SLAT, GATE,Civil services, defense services etc? : Nil

29. Students Progression

Student progression	Against % enrolled			
	2010-11	2011-12	2012-13	2013-14
UG to PG	33%	25%	0	8.3%
PG to M. Phil.	NA	NA	NA	NA
PG to Ph.D.	NA	NA	NA	NA
Ph.D. to Post-Doctoral	NA	NA	NA	NA
Employed				
• Campus selection				
• Other than campus recruitment				
Entrepreneurship/Self-employment				

30. Details of Infrastructural facilities

a) Library:

A Departmental Library with 91 books.

b) Internet facilities for Staff & Students:

The department has a desktop computer with Internet connectivity.

c) Class rooms with ICT facility:

There are two smart class rooms in the college centrally.

d) Laboratories:

There are three laboratories in the department and one museum.

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

Financial assistance from college	Year	Number of students
(Students' Aid Fund)	2010-11	1
	2011-12	0
	2012-13	0
	2013-14	1
Government Scholarship	2010-11	4
	2011-12	1
	2012-13	1
	2013-14	0

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

Sl. No.	Name of the external expert	Special lectures / workshops / seminar	Date
1	Mr. Bitopan Baruah, Dept. of Wildlife and Conservation, North Orissa University	Seminar on different poisonous and non poisonous snakes of Assam and Karbi Hills	30 Oct, 2013
2	Dr. Probal Saikia, Principal Scientist, North Lakhimpur Agriculture Institute Dr. Montu Bhuyan, Senior Scientist, NERIST Mr. Jitu Kalita, Natural Activist	Workshop on Ecosystems services and function of birds	6 Sept, 2014

33. Teaching methods adopted to improve student learning:

- (i) Chalk and talk.
- (ii) Audio video.
- (iii) Activity based teaching.
- (iv) Project based.
- (v) Practical based.
- (vi) Supplying study material.
- (vii) Counseling and mentoring.

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

All the faculty member have social responsibility and they perform different social activities for example voluntary classes in the nearby school, give awareness about the sanitation and drinking water in tea garden areas and have a helping hand during the time of digester.

35. SWOC analysis of the department and Future plans:

Strength:

1. Well equipped Laboratory.
2. Digital Class Room facility.
3. Qualified and dedicated teachers.
4. Small Library with requisite books.
5. Computer with Internet facilities.
6. Generator facilities.

Weakness:

1. No separate study room for student and faculty in the department.
2. Unfilled vacancy of faculty and laboratory assistant.
3. Students are weak in English.
4. Insufficient equipments for field study (binocular, camera, GPS etc.)

Opportunity:

1. Zoology is a subject that gives opportunity to the students to avail different field study tour for practical knowledge.
2. Zoology facilitates the students to run different project work which help them in future research work.
3. Students get opportunity for personality development in the department.

Challenges:**Future Plan**

1. To produce vermin compost and distribute them to the farmer.
2. To produce honey through Apiculture.
3. Improve the sewage and solid waste treatment method in Titabar town area.
4. To give awareness about Environment and wildlife conservation especially among tea garden workers.
5. To study composite fish culture in aquarium.
6. To perform sericulture for food palatability index.

F. DECLARATION BY THE HEAD OF THE INSTITUTION

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.

Sd/-

Signature of the Head of the Institution

with seal

Place: Titabar, Jorhat

Date: 24th December, 2014

CERTIFICATE OF COMPLIANCE

(Affiliated / Constituent / Autonomous Colleges and Recognized Institutions)

This is to certify that Nanda Nath Saikia College, Titabar, Jorhat District, Assam fulfils all norms as:

1. Stipulated by the affiliating university
2. The affiliation and recognition is valid as on date.

In case of affiliation / recognition, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC accreditation, if granted, shall stand cancelled automatically, once the institution losses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Sd/-

Signature of the Head of the Institution

With seal

Place: Titabar, Jorhat

Date: 24th December, 2014