




3. Evaluative Report of the Departments

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

1. Name of the department: **PHYSICS**
2. Year of Establishment: **2016**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **UG**
4. Names of Interdisciplinary courses and the departments/units involved: **Nil**
5. Annual/ semester/choice based credit system (programme wise): **Semester & CBCS**
6. Number of teaching posts

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	-	3 (Non-sanctioned)

7. 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	Photo
Anirban Singha	M.Sc.	Asst. Professor	Electronics & Advanced Condensed Matter Physics	3 yrs	
Nayan Jyoti Sarmah	M.Sc.	Asst. Professor	Electronics & Advanced Condensed Matter Physics	3 yrs	
Prativa Gohain	M.Sc.	Asst. Professor	High Energy Physics	2yrs	

8. Student -Teacher Ratio (programme wise): (i) B.Sc. (Major): 4:1
(ii) B.Sc. (General): 13:1

9. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

- I. Anirban Singha: M.Sc.
- II. Nayan Jyoti Sarmah: M.Sc.
- III. Prativa Gohain: M.Sc.

10. Publications

a) Publication per faculty:

NAYAN JYOTI SARMAH

TITLE (CHAPTER)	BOOK	ISBN	YEAR
A study on the progress of superconductivity from low temperature to high temperature and its various applications	Dimensions of Multidisciplinary Research Studies	978-93-5105-359-0	2018

11. Student profile programme/course wise:

Name of course	Batch	Applications received	Selected	Enrolled	Existing	Pass percentage
B.Sc (Major)	2016	-	-	-	-	-
	2017	9	9	9	7	-
	2018	7	4	4	4	-
B.Sc (General)	2016	25	25	25	-	100%
	2017	32	30	30	-	100%
	2018	24	24	24	16	-
CBCS B.Sc (Core)	2019	4	4	3	2	-
CBCS B.Sc (GE)	2019	22	22	22	19	-

12. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. 1 st semester	67%	33%	-----
B.Sc. 3 rd semester	75%	25%	-----
B.Sc. 5 th semester	100%	----	-----

13. Details of Infrastructural facilities

- a) Library: **Yes**
- b) Internet facilities for Staff & Students: **AVAILABLE (WiFi enabled campus)**
- c) Class rooms with ICT facility: **2**
- d) Laboratories: **03**

14. Teaching methods adopted to improve student learning: *Interactive sessions, audio-visual presentations , classroom and practical demonstrations, Discussions*

15. SWOC analysis of the department and Future plans:

S →

- I. Healthy atmosphere – among the staff and students.**
- II. A healthy work culture- all lectures/tutorials / lab works are held on time.**

W →

- I. Ever increasing need of more sophisticated instruments.**
- II. Shortage of workforce**

O →

- I. Only girls' college in Dibrugarh city offering B.Sc major in Physics.**
- II. Providing healthy atmosphere for teaching learning process**

C →

- I. The challenge to add significantly to the infrastructural facilities**
- II. The challenge to update with fast growing changes in the field of physics.**
- III. Produce skilled and employable individuals.**

Future Plans:

- 1) Propose for Major in Electronics Science**
- 2) Collaborations and MOUs with other institutes and organizations**
- 3) Provide special coaching aspiring students for national level competitive exams(like IIT-JAM)**