

Matters for Power-point

1. Department's name and year of establishment.
2. Programmes run at present.
3. Interdisciplinary courses (if any).
4. Participation of the department in other departments.
5. Collaboration (if any) with other institution/agencies etc.
6. List of Teachers.
7. Senior visiting faculty.
8. Academic support staff.
9. No. of teachers having PhD and M. Phil degrees.
10. Running/completed projects (Major/Minor)
11. Funding agencies.
12. Publications.
13. Student projects
14. Eminent visitors to the Dept.
15. Success rate of students.
16. Post graduate activities of students.
17. Infrastructural facilities.
18. Instruments
19. Seminar/workshops done
20. Extension activities
21. SWOC.
22. Future Plan.

Check list for Departmental Head

1. Syllabus File
2. Academic Calendar
3. Attendance Register of students.
4. Departmental Meeting Book.
5. File of University Questions.
6. File of College test questions.
7. Departmental Routine.
8. Publications (if any).
9. Records of Seminars held.
10. Register of Guardians' Meeting.
11. Reports (if any) kept about ex-students' activities.
12. Departmental Bulletin/Journal/Magazine.
13. List of instruments
14. Certificates of seminars attended/Improvement courses attended by teachers.
15. List of Teachers.
16. Album (if any), tour records etc.

Things to remember

- A. Year of establishment of the Department.
- B. Courses run.
- C. Inter-disciplinary activities.
- D. Vacant posts.
- E. Student-teacher ratio.
- F. Support staff.
- G. Eminent visitors to the Department.
- H. Teaching method.
- I. Extension activity.
- J. Research projects running/completed.
- K. Strength, weakness, opportunity and challenge.
- L. Future plan.
- M. Pass percentage.

EVALUATIVE REPORT OF THE DEPARTMENT OF PHYSICS

Name of the Department:

⇒ Department of Physics

Year of Establishment:

- June, 1969 [From June 1969 to 1984 as Department of Physics, Rishi Bankim Chandra College, Evening Section]
- 1984 onwards as Department of Physics, Rishi Bankim Chandra Evening College (Under the affiliation of University of Calcutta)
- 2008 onwards as Department of Physics, Rishi Bankim Chandra Evening College (Under the affiliation of West Bengal State University)

Names of Programs / Courses offered

⇒ Under-Graduate Course; B.Sc. (Pure); Physics General

Annual/ semester/choice based credit system (program wise):

⇒ Test and Annual Examination system in Part I, Part II and Part III

Number of teaching posts

⇒ Sanctioned teaching posts are 2, but there is one whole-time assistant professor

Faculty Profile with Name, Qualification, Designation, Specialization:

Name	Qualification	Designation	Specialization	Years of Experience
Dr. Debojyoti Halder	M. Sc., Ph. D.	Assistant Professor	Electronics and Communication	1.5 years

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Prof. Abhisek Adhikari	M. Sc.	Guest Lecturer	Hyperfine Technique	2.5 years
Dr. Suman Paul	M. Sc., Ph. D.	Visiting Lecturer	Communication Electronics	11 years

Percentage of lectures delivered and practical classes handled by temporary faculty:

⇒ 41%

Student - Teacher Ratio:

⇒ *In B. Sc. General Course, student enrollment varies each year so is the student teacher ratio. For academic year 2016-17, this ratio is almost 53:1*

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

<i>Name</i>	<i>Designation</i>
<i>Sri Arabinda Sarkar</i>	<i>Skilled Lab. Attendant</i>
<i>Sri Debojit Ghosh</i>	<i>Group D</i>

⇒ *Sanctioned no. of technical support staff are 2, but there is one whole-time technical staff*

Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M. Phil./PG.:

⇒ *One Visiting Faculty with Ph. D. (Dr. Suman Paul)*

Publications: (July 2005 – October 2016):

- ⇒ *International Journals and Symposia - 28+*
- ⇒ *National Journals and Symposia - 4+*
- ⇒ *E-Book - 1*

Faculty as members in,

(a) National committees, b) International Committees, c) Editorial Boards:

- *Prof. Abhisek Adhikari - Life Member of Calcutta Mathematical Society*
- *Dr. Debojyoti Halder - Member of Institute of Electrical and Electronics Engineers (IEEE)*
- *Dr. Suman Paul - Member to the Engaged Group of COSPAR Commission C-2016*

Student projects:



Students during practical



Students doing project



Students doing project

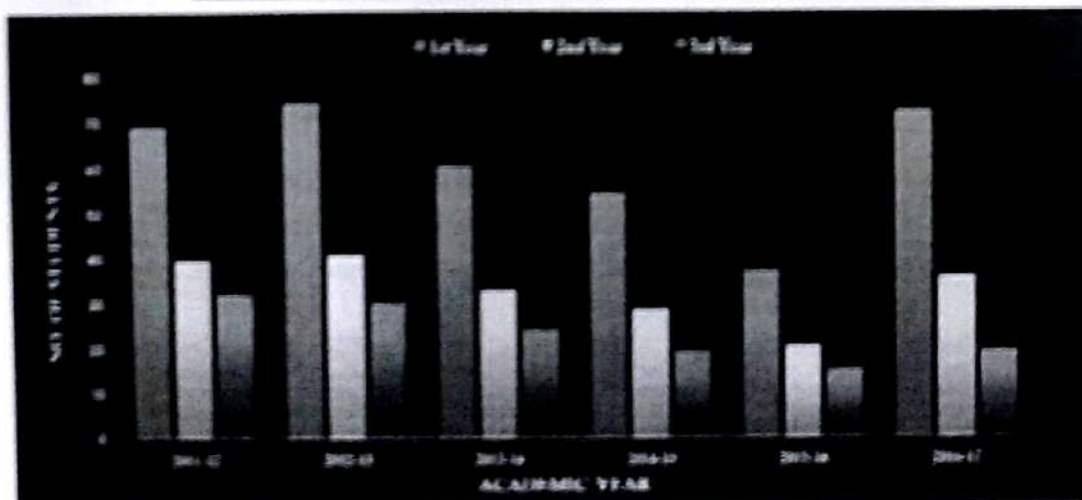
Seminars/ Conferences/Workshops organized and the source of funding

a) National, b) International

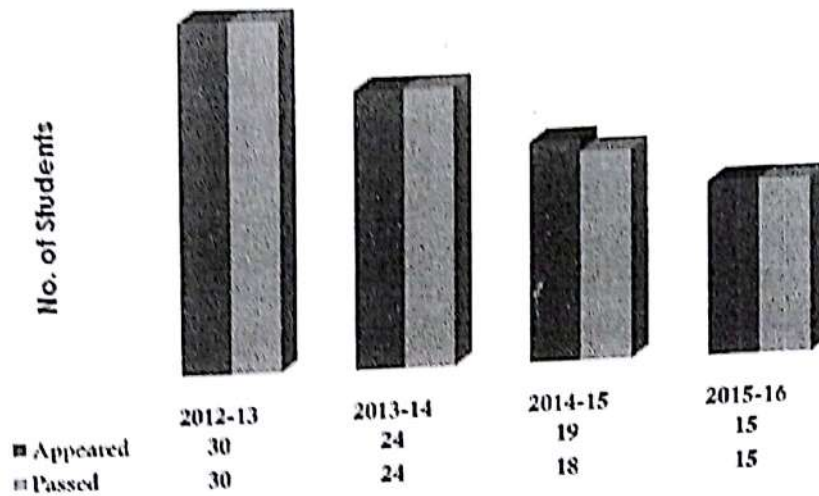
Not Organized till now. This department is eager to organize a national seminar with Department of Chemistry.

Student profile program:

Year - Wise Student Enrollment



Success Rate of 3rd Year Students (Based on Practical Exam.)



Diversity of Students:

⇒ *Almost 99% of the students are from this state*

Student progression:

⇒ *A little enters into Post-graduate studies*

⇒ *Rate of student progression is very low as only B. Sc. General course is running*

⇒ *Last year passed students are mainly taking coaching for all type of Government jobs. Some students also taking Diploma and Vocational classes*

Details of Infrastructural facilities:

(a) Library:

⇒ *Central library*

Total No. of Books : 1790

Text – 1664

Reference – 126

Department is keen to open a departmental library for the benefits of students

(b) Internet facilities for Staff & Students:

⇒ *We have one Desktop with LAN connection and a notebook for teacher, staff and student use.*

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(c) Class rooms with ICT facility:

⇒ *EVNET is used for this reason*

(d) Laboratories:

⇒ *This Department has well-equipped laboratory with modern equipments. A dark room is there with instruments for optical practical.*

Teaching methods adopted to improve student learning process:

⇒ *Traditional Lecture Method*

⇒ *Regular Practical Classes*

⇒ *Class Tests in each 3-4 months*

⇒ *Student Projects*

⇒ *Remedial classes to weaker section of the students*

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

⇒ *The Students and the Faculty members regularly participate in the Institutional Social Responsibility and Extension activities organized by the college NSS Units as volunteers.*



External Social Activities: NSS programs



External Social activities: Tree Plantation

SWOC analysis of the Department and Future plans:

The SWOC analysis of the Department and future plans are follows,

1. Strength:

- i. The department has efficient and dedicated faculties*
- ii. The students are very much sincere and energetic.*
- iii. Theory and Practical classes are held regularly.*

2. Weakness:

- i. The laboratory needs new instruments and improves facilities.*
- ii. Shortage of faculty (one post is lying vacant) and shortage of laboratory technical and academic staffs (one post is lying vacant).*

3. Opportunities:

- i. B.Sc. (General) students with good results get opportunity for higher studies in various fields.*
- ii. They can be admitted to various professional courses like BCA, MCA, MBA, Hotel Management etc.*
- iii. There are various job opportunities in West Bengal School Service Commission, P.O. and Clerk in Nationalized Banks and in many other competitive examinations like Staff Selection Commission, W.B. Public Service Commission etc.*

4. Challenges and Constraints:

- i. *The timing of the college which runs from 4:30 PM to 9:10 PM.*
- ii. *With all the limitation our all staff both teaching and non-teaching work hard and trying their best for the benefit of the students. Our challenge is to work hard with a smiling face for all the students for their bright future.*

Future Plans:

- i. *Opening Physics Honours course is the first priority with proper infrastructure and sufficient full time faculties.*
- ii. *Up-gradation of the Laboratory and installation of a new distillation plant. Purchasing more modern equipments for the laboratory and setting up a Classroom with ICT facility.*

THANK YOU

