

# **DEPARTMENTAL PROFILE**

## **Physics & Electronics**



ESTED:2019



**Affiliated to University of Calcutta  
Regd. Under Section 2(f)&12(B) of UGC Act 1956.  
Jibantala, Mallickati, Canning, South 24 Parganas, 743502,  
W.B [Email-jmrokeya@gmail.com](mailto:jmrokeya@gmail.com) Website-  
[www.jibantalarokeyamahavidyalaya.in](http://www.jibantalarokeyamahavidyalaya.in)**

## **About the Department**

The Department of Physics and Electronics, Jibantala Rokeya Mahavidyalaya offers a UG, B.Sc programme integrating both subjects under separate CU curriculum. The program, which started in 2019, has a total intake capacity of 30(15 each Subject) students. The department is unique as it combines Physics as the major subject and Electronics as an integral part of the Physics curriculum. The then principal, Dr. Himadri Bhattacharjee Chakraborty, with her background in Physics, acted as the head of the department, providing leadership and direction. Her role extended beyond just administrative duties; she was considered the guiding force for all the science departments at the college.

## **Mission**

The mission of the Department of Physics and Electronics is to provide a comprehensive education that imparts strong foundational knowledge in Physics and practical skills in Electronics. The department aims to develop critical thinking, problem-solving abilities, and research skills in students, preparing them for diverse professional paths and higher studies.

## **Vision**

The vision of the Department of Physics and Electronics is to be recognized as a leading center for excellence in both Physics and Electronics education. The department aspires to foster an environment that encourages innovation, research, and the application of scientific knowledge to real-world problems, thereby contributing significantly to the academic and scientific community.

## **Departmental Profile**

1. Name of the Department: **Physics & Electronics**
2. Year of Establishment: **Pass-2019**
3. CU Intake: **30( 15 for Physics and 15 for Electronics)**
4. Name of the Programme: **B.Sc. (General) UG.**
5. Name of the interdisciplinary Course and Departmental Involved: **NA**
6. Annual/Semester/CBCS: **Choice Based Credit System.**

7. Course in collaboration with other Institutions: **NA**  
 8. Add-On Courses offered by the Department: **NA**  
 9. Participation of Students of the Department in Add-on Courses: **Na**  
 10. Details of Courses discontinued if any: **NA**  
 11. Number of Teaching Post: **NA**  
 12. Faculty profile with name, qualification, designation, Specialization: **Soham Mondal, Guest, and Management appointed temporary faculty.**

Name	Gender	Designation	Date of Joining	Nature of appointment	Department	Qualification
Soham Mondal	Male	Guest	1/2/2021	Temporary	Physics	M.Sc

13. Visiting Faculty If any: **NA**  
 14. Percentage of Lectures delivered and practical classes handled by temporary faculty: **100%**  
 15. No. of Academic Support Staff: **NA**  
 16. Qualification of Temporary Faculty: **M.SC, Physics.**  
 17. **Two students admitted in the department of Physics & Electronics general, One OBC, and one general, two of them were passed in the final year examination.**

Sl. No.	Name	Cu Reg. No.	Category	D.O.A	Department	Final Year Result
2	Subhas Pramanik	524-1114-0362-20	OBC-B	01/9/2020	ELTG	Passed
3	Md Imran Gayen	524-1111-0361-20	Gen	09/10/2020	ELTG	Passed

18. Library books available for students and teacher: **Limited**  
 19. Internet facilities for staff and students: **YES**  
 20. Class room with ICT facilities: **A**  
 21. Laboratory: **Insufficient**

**22.**

## **SWOC Analysis of the Department**

### **Strength:**

- a) Dedicated Leadership
- b) Comprehensive curriculum
- c) Commitment to Quality Education
- d) Adaptability

### **Weakness:**

- a) Lack of Permanent Teaching Posts
- b) Low Enrollment
- c) Non-Functional status
- d) Dependency on Guest faculty
- e) Limited Resource and Insufficient Lab Infrastructure.

### **Opportunity:**

- a) Collaboration and Partnership
- b) Funding and Grants
- c) Curriculum Enhancement
- d) Community Engagement
- e) Technology Integration
- f) Alumni Network

### **Challenges:**

- a) Securing Permanent Faculty
- b) Increasing enrollment
- c) Resource Constraints
- d) Maintaining Programme Continuity
- e) Establishing Reputation
- f) Community and Industrial Engagement
- g) Adopting to Trends

## **Future Plan of the Department**

- a) Grant and Funding Acquisition
- b) Students Support Services
- c) Community Engagement
- d) Infrastructure development
- e) Reactivation and Growth.