

Department of Physics

Short Introduction with Brief History of the Department :

(Highlights : year of establishment, students activities, National level achievements of students and faculties, research activities, if any, innovative teaching learning activities, carrier counseling, other activities etc.)



One of the most successful department in the college with outstanding performance at the University level examinations as well as in all India PG entrance level examination. The department at present runs UG Hons and general courses. The Department was established in 1955 as a part of inter-science course. In 1961, B.Sc. Physics pass course was established followed by the Physics Honors course in 1979.. The department has been an integral part of this college right from its establishment. So far it has produced more than thousand Physics graduates with high caliber including university toppers. Our students are placed not only in top schools of India but also in reputed foreign institute



- **Forthcoming Events of the Department :**

1. **Reunion before Puja Vacation (Tentative)**
2. **Educational Excursion with the students**
3. **Collaborative project work with SKBU/Research Institution**

- **Running Courses : UG-Honours, UG-Programme**

- **List of Faculty Members :**



Sl. No.	Name	Designation	Qualification	Photo
1	Dr. Santanu Chattopadhyay	Principal	M.Sc., Ph.D	
2	Dr. Nityananda Das	Associate Professor	M.Sc.(Gold Medalist), M.Phil, PhD	

3	Shri Pankaj Sarkar	Assistant Professor	M.Sc., B.Ed	
4	Mr. Binoy Das	Assistant Professor	M.Sc., B.Ed	

- List of Part-time Faculty Members**

Sl. No.	Name	Designation	Qualification	Photo
1				
2				

- List of Guest Faculty Members**

Sl. No.	Name	Designation	Qualification	Photo
1	Sri Sandip Das	Guest Lecturer	M.Sc.	
2	Miss Moumita Patra	Guest Lecturer	M.Sc.	
3	Sri Soumitra Mahato	Guest Lecturer	M.Sc.	

- University Topper List since 2014**

Course	Name of the students	Percentage of Marks	Year of Passing	Photo

UG	SANGITA DUTTA	68.88	2014	
UG	SUSMITA MANDAL	68.88	2014	
UG	DEBYOJYOTI GARAIN	76.25	2017	
UG	MAHADEB DEY		2018	

• **Honours Results of last five years**

Year of Passing	No of students Appeared in Part-I/Sem-I Exam.	No of students in Final Part III/Sem VI Examination		No of first class	University Rank Holders, if any
	Three years ago	Appeared	Qualified		

2014	23	14	12	9	1,3,4,6,7,8
2015	17	19	18	12	2,3,4,5,6,7,8,9,10
2016	12	14	11	6	2,3,4,7,8,10
2017	27				1,3,4,5,7,10
2018	27				1,

- List of Retired Faculty Members**

Sl. No.	Name	Designation	Qualification	Photo
1	Prof. Herambanath Bhattacharya	Sl Grade Lect.	M.Sc.	
2	Prof. Manoj Kr. Choudhury	Sl Grade Lect.	M.Sc.	
3	Prof. Badal Chandra Misra	Sl Grade Lect.	M.Sc.	
4	Prof. Achyut Chakraborty	(Transferred to City College)	M.Sc.	
5	Dr. Ajit Kumar Mahanty	Reader	M.Sc. PhD	
6	Dr. Subal Chandra De	(Transferred to R.N.Pur College, Principal (Transferred))	M.Sc.,PhD	
7	Dr. Bibhas Kumar Dutta	(Transferred to Sri Chaitnya College, Habra)	M.Sc.,PhD	

- List of Non-Teaching Staff**

Sl. No	Name	Designation	Qualification	Photo
1	Sri Gopal Chandra Sao	(Contractual)		
2				

- Completed/Ongoing Research Projects

Sl. No.	Title of the Project	Name of P.I.	Duration	Funding Agency	Total Amount Sanctioned	Current Status	No. of Associated Scholars
1	Analysis and design of DPII Based Receivers	Dr. Santanu Chattopadhyay	2 year (2000-2002)	UGC	50,000	Completed	Nil
2	Chaos and Phase error dynamics. Study of Digital Phase locked loop & application	Dr. Santanu Chattopadhyay	2 year (2009-2011)	UGC	71,000	Completed	Nil
3	Coherence effects in quantum systems and simulation of quantum optical effects in macroscopic domain	Dr. Bibhas Kumar Dutta	2 year (2012-2014)	UGC	1,75,000	Completed	Nil
4	Experimental investigation of electromagnetically induced opto-atomic effects subject to the phenomenon of atomic coherence.	Dr. Nityananda Das	2 year (2014-2016)	UGC	4,00,000	Completed	Nil

- Seminars/ Conference/Workshop

Sl. No.	Title of the Seminars/ Conference /Workshop	Level (Local/State /National /International)	Date	Funding Agency	Total Amount Sanctioned	No. of participants
1	Workshop on Introductory Astronomy & Astrophysics	National	23-25/02/2006	IUCAA, Pune & IUCAA Reference Centre, NBU		
2	National Conference on The Development of Modern Physics and Electronics	National	03-04/02/2012	UGC		
3	Some important Topics in Modern Physics	Local	10/09/2009	J.K.College		
4	National Conference on the development of Modern Physics and Electronics	National	3-4/02/2012	UGC		

- **List of Important Alumni Members (Students)**

Sl. No.	Name	Passed out year	Position held Now	Mobile No.	Email
1	Dr. Brahmananda Chakraborty	1994	Scientist-E, BARC		
2	Dr. Manoranjan Ghosh	2000	Scientist-E, BARC		
3	Dr. Somsundar Mukhopadhyay	2000	Scientist-E, BARC		
4	Dr. Arif Kamal	2001	Post Doc, South Africa		
5	Dr. Dipak Paramanik	2000	Post Doc, NIST,GAIPHRSBURG, Meriland, USA		
6	Dr. Bipul Kumar Mahato	2006	Post Doctoral Researcher, NUS		
7	Dr. Narendranath Dutta	2006	Former Post Doctoral Researcher, Auburn University		
8	Sourav Mahato	2008	ONGC		
9	Abhishek Mukherjee	2008	Geophysicist at ONGC		
10	Priyaranjan Mahato	2009	Executive Engineer, ONGC		
11	Srimanta Chakraborty	2009	ONGC		
12	Partha Pratim Mahato	2011	ONGC		
13	Jagabandhu Kumar	2011	Scientist at IPR, Gandhinagar		
14	Sangita Dutta	2014	Research Fellow, LIST		

- **List of Important Alumni Members (Faculty)**

Sl. No.	Name	Left the College in the year	Position held Now	Mobile No.	Email
1	Satyabrata Mandal	1990	Faculty, Chandar Nagar Polytechnic College		
2	Dr. Brahmananda Chakraborty	1994	Scientist - BARC		
3	Dr. Ranjana Ghosh	1998	Geophysical Lab., Hyderabad		

4	Dr. Arindam Ghosh	1998	NEISER, Bhubaneswar		
5	Dr. Prabodh Kumar Kuiri	2000	SKBU, Purulia		
6	Dr. Samrat Mukherjee	2000	NIT, Patna		
7	Dr. Biswanath Mukherjee	2000	SKBU, Purulia		
8	Dr. Manoranjan Ghosh	2000	Scientific Officer, BARC, Trombay, Mumbai 400085		
9	Dipak Paramanik	2000	Scientist, ,USA		
10	Dr Amartya Choudhury	2001	Assistant Professor, Center for Energy and Environment,MNIT campus, JLN marg, Jaipur, Rajasthan- 302017		
11	Dr. Ritwik Saha	2001	Kharagpur College		
12	Rajesh Dey	2002	GGD College, Manbazar-II		
13	Binoy Das	2002	J.K.College, Purulia		
14	Jayanta Kumar Majee	2002	B.B.College, Asansol		
15	Chakradhar Rajwar	2002	Sammilani Mahavidyalay, Bankura		
16	Dr. Mrityunjoy Mahato	2003	NIT, Shilong		
17	Dr. Rajib Nath	2006	SKBU, Purulia		
18	Chinmoy Rajak	2012	Nistarini College, Purulia		

• **Model Questions (Honours) : (attach separate Sheet)**

1. CC₁ – CC₁₄
2. DSC₁ -- DSC₄
3. GE₁ -- GE₂
4. DSE₁-DSE₆
5. AECC

6. SEC