

Faculty Profile

Santipur College

Department of Physics

General Information



Name	Chinta Haran Majumder
Designation	Assistant Professor
Date of joining	01.04.2015
Address	Ranaghat
Contact E-mail	cmpurbanawapara@gmail.com
Academic Qualification	M.Sc

Research And Publication

Area of Specialization			Electronics
Research interest			Sustainable green materials and its energy applications
Paper Publication			
Sl. No.	Date	Title	Publisher / Other Information
1	15.10.2024	Pyroelectric Response Of Ferroelectric PVDF And Their Copolymer : A Review	International Education and Research Journal(IERJ) 10(10)
2	15.11.2024	Natural Biopolymer Based Electrolytes For DSSC Application : A Review	International Education and Research Journal(IERJ) 10(11)

Books/ Reports/Chapters/General articles etc.			
Sl. No.	Date	Title	Publisher/ Other information
1	November, 2022	Advances in Modern and Applied Sciences Chapter: Advanced Electronic and Energy Applications of Chitin and Chitosan Based Composites	Scientific Research Publishing Vol(1),246-261
Talks/ Paper or Poster Presentations/ Chairing Sessions/ Seminar/ Webinar/ Workshop/ RC/ OP/ Short term Course/ Any Other attended			
Sl. No.	Date	Title /Event	Place /Organiser/ Other Information
1	11.01.2018	i)Exo Solar Planet ii) Saha Ionisation Equation then and now	State Level Seminar Santipur College
2	11.01.2018	Sanskrit : A Linguistic Instropection	State Level Seminar Santipur College
3	11.12.2017	Gravitational Wave Detection	State Level Seminar Santipur College
4	10.02.2017	Adhunikata O Amader Satta	National LevelConference Santipur College
5	27.08.2016	Environmental Consciousness and Sustainable Development : Issues and Challenges	State Level Seminar Santipur College
6	27.02.2016	Celebration of 100 years of General Theory of Relativity	State Level Seminar Santipur College
7	15.01.2016	Sexual Harassment and Higher Education Institutions	State Level Seminar Santipur College
8	02.04.2015	Quality Assurance in Higher Education	State Level Seminar Santipur College

Institutional Responsibilities

Portion of syllabus allotted		
Semester	Major/ Minor/ SEC/ MDC/ Other	Topic allotted
Semester 1	Major	Mathematical Physics Vector Integration Orthogonal Curvilinear Coordinates Matrices Introduction to probability
Semester 2	Major	Practical
Semester 3	Major	Electricity and Magnetism Electric Field and Electric Potential Dielectric Properties of Matter
	Minor	Vector Integration Matrices Dirac Delta function and its properties
Semester 4	Major	Thermal Physics Kinetic Theory of Gases Distribution of Velocities Molecular Collisions Real Gases: Behaviour of Real Gases
Semester 5	CBCS	Quantum Mechanics and Applications Time dependent Schrodinger equation Time independent Schrodinger equation-Hamiltonian
Semester 6	CBCS	Electromagnetic theory Polarization of Electromagnetic Waves
Institutional Committees		
Sl. No.	Name of Committee	Member / Convener
1	RTI Committee	Convener
2	Academic Audit Committee	Member
3	Grievance Redressal Committee	Member

4	Games and Sports	Member
5	Provident Fund Committee	Member
6	Technological Upgradation Committee	Member
7	UGC Committee	Member