

# **Department of Physics Netaji Mahavidyalaya**

## **Report for Departmental seminar on 09th August, 2023 in collaboration with AKPC Mahavidyalaya, Bengai**

The event is a part of MOU between AKPC Mahavidyalaya and Netaji Mahavidyalaya.

The title of the program is "Popular lectures in Condensed Matter Physics"

Venue: Central Library Seminar Room (Ground Floor)

Date: 09/08/2023

Duration: 1-Day

Department of Physics  
Netaji Mahavidyalaya, Arambagh.

Date: 02/08/2023

In the last departmental meeting held on 02/08/2023, we have decided to organize a seminar titled "Popular lectures in Condensed Matter Physics". The date of seminar is 09/08/2023 and proposed venue is Smart classroom (room no. 89).

In this seminar, apart from our departmental faculties, teachers from Aghore Kamini Prakash Chandra Mahavidyalaya (AKPC), Bengai will also take part and deliver lectures. This seminar, organized by our Physics department, is a part of MOU between Netaji Mahavidyalaya (NMV) and Aghorekamini Prakashchandra Mahavidyalaya.

Below is the list of speakers with their titles of presentations.

Sr. No	Name of Speaker	Affiliation	Title of Presentation
1	Dr. Shampa Mondal	Associate Professor, AKPC	Energy Harvesting - An Introduction
2	Dr. Rajib Kumar Mandal	Assistant Professor, AKPC	Waste Water Treatment by Nano-Photocatalysts
3	Dr. Satyaki Kar	Assistant Professor, AKPC	Quantum Oscillation
4	Sri Surajit Guin	SACT, AKPC	Fundamentals of nanomaterials: Stability, size dependent property and their applications
5	Prof. Chayan Kanchan Karmakar	Assistant Professor, NMV	Sound Insulation and Filtration
6	Sri Bhaskar Pandit	SACT, NMV	Quantum Transport in Topological Semimetals in contact with Superconductors
7	Dr. Somenath Jalal	Assistant Professor, NMV	Understanding Physics with Pictures
8	Ms. Karabi Majhi	SACT, NMV	Introduction to Nano Particles









Signature of Faculties.

Department of Physics  
Netaji Mahavidyalaya

**Department of Physics**  
**Netaji Mahavidyalaya, Arambagh**

One Day Seminar on **“Popular lectures on Condensed Matter Physics”**  
(As a part of MOU between NMV & AKPC)

Date: 09.08.2023

Name of the Speaker		Affiliation	Title of Presentation	Time
Dr. Satyaki kar		Assistant Professor, AKPC	Quantum Oscillation	11:00 AM-11:20 AM
Surajit Guin		SACT, AKPC	Fundamentals of nanomaterials: Stability, size dependent property and their applications	11:20 AM-11:40 AM
Chayan Kanchan Karmakar		Assistant Professor, NMV	Sound Insulation and Filtration	11:40 AM-12:00 PM
<b>Tea Break (10 Mins)</b>				
Dr. Shampa Mondal		Associate Professor, AKPC	Energy Harvesting - An Introduction	12:10 PM-12:30 PM
Dr. Rajib Kumar Mandal		Assistant Professor, AKPC	Waste Water Treatment by Nano-Photocatalysts	12:30 PM-12:50PM
<b>Lunch Break (40 mins)</b>				
Dr. Somenath Jalal		Assistant Professor, NMV	Understanding Physics with Pictures	1:30 PM-1:50 PM
Bhaskar Pandit		SACT, NMV	Quantum Transport in Topological Semimetals in contact with Superconductors	1:50PM-2:10PM
Karabi Majhi		SACT, NMV	Introduction to Nano Particles	2:10PM-2:30PM

# PICTURES OF THE EVENT

