

# St. Xavier's College, Mahuadanr Latehar-822119, Jharkhand

1. **Title of the Program :** Research Related Seminar on Material Science/Solid State Physics
2. **Organizing Department / Cell :** Department of Physics
3. **Date/Duration :** December 14, 2022
4. **Number of Participants:** 33
5. **Detail Description of the Event:**

A research related Seminar was conducted by the department of Physics on December 14, 2022 on Material Science /Solid state Physics. The resource person of the seminar was Asst. Prof. Ajay Kumar Saw, Department of Physics. The purpose of the program was to motivate the students to take up research in future.

The program was arranged in the ICT room of SXCM.

The various topics that were discussed include:

(1) Design, fabrication of four probe resistivity measurement set-up and their connection with instruments by the use of Lab view program.

(2) The synthesis of Nano materials and their physical properties such as variation of resistivity with temperature and variation of magnetization with temperature and magnetic fields.

The students of physics honours and the faculty members of the departments benefited much out of this research seminar. The participants raised many queries regarding material science.

The program was a great success as students were motivated to take up research in the future.

6. **Brochure of the Event:**



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## 7. Photo:



## 8. List of Participants:



### ST. XAVIER'S COLLEGE MAHUADANR

Estd: 2011. Affiliated to Nilamber-Pitamber University, Medininagar NPU/R/953/11

P.O- Mahuadanr, Dist. Latehar, Jharkhand 822119

Accredited with 'B' Grade by NAAC

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ISO-9001:2015

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#### #- List of Participants:

S. No.	Students Name	Signature
1.	ABHIJEET KUMAR	Abhijeet Kumar
2.	AJAY KUJUR	Ajay Kujur
3.	ALPNA EKKA	Alpna Ekka
4.	AMIT KUMAR YADAV	Amit Kumar Yadav
5.	ANIKET KERKETTA	Aniket Kerketta
6.	ASMITA TIGGA	Asmita Tigga
7.	BRAHMDEV SINGH	Brahmdev Singh
8.	MANOJ RAM	Manoj Ram
9.	NEERA KACHHAP	Neera Kachhap
10.	PRADEEP KUMAR YADAV	Pradeep Kumar Yadav
11.	PRATIGYA NAGESIA	Pratigya Nagesia
12.	RANJAN KUMAR	Rajan Kumar
13.	RANJAN SINGH	Ranjan Singh
14.	REKHA NAGESIA	Rekha Nagesia
15.	SANKET KUJUR	Sanket Kujur
16.	SATYAM KUMAR	Satyan Kumar
17.	SNEHA JENA TOPPO	Sneha Jena Toppo
18.	UJALA PRAWEEEN	Ujala Praweem
19.	VIKASH YADAV	Vikash Yadav
20.	VIKRAM LAKRA	Vikram Lakra
21.	VISHAL KUMAR GUPTA	Vishal Kumar Gupta
22.	WASIF ANSARI	Wasif Ansari
23.	ANURADHA KUMARI	Anuradha Kumari
24.	INJAMAMUL HAQU	Injamamul Haqu
25.	JAMES TIRKEY	James Tirkey
26.	RONALD XALXO	Ronald Xalxo
27.	RUBI TIRKEY	Rubi Tirkey

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S. No.	Students Name	Signature
28.	KRITI KUMARI	<i>Kriti Kumari</i>
29.	LAXMAN KUMHAR	<i>Laxman Kumari</i>
30.	SHALINI KUMARI	<i>Shalini Kumari</i>
31.	MAYAWATI KUMARI	<i>Mayawati Kumari</i>
32.	NIRAJ TIRKEY	<i>Niraj Tirkey</i>
33.	PUJA KUMARI	<i>Puja Kumari</i>

Principal  
St. Xavier's College  
Mahuadanr