

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

1. **Title of the Program :** Understanding on Group Theory
2. **Organizing Department / Cell :** Department of Mathematics
3. **Date/Duration :** October 25, 2018
4. **Number of Participants :** 25
5. **Objective of the Program:**

The objective of this theory was to understand the symmetry in real life for the topic Group Theory.

6. **Detail Description of the Event:**

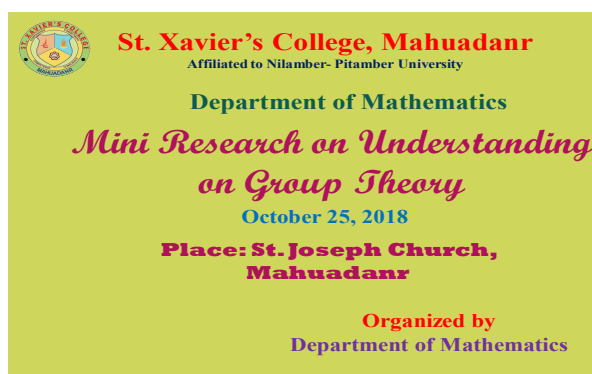
The Department of Mathematics, St. Xavier's College, Mahuadanr went for the Research field trip to St. Joseph Church, Mahuadanr on October 25, 2018.

The team reached the place at 10:00am. The church campus was beautiful, which was surrounded by beautiful plants and trees. It was so peaceful and quite surrounding. The view of church from outside and inside explained the beauty of construction. The window patterns are beautifully decorated with glass painting and the outside view through the patterns was mesmerizing. The students were grouped in five or more for the observation of the architecture and to study the patterns used in the church. Students enjoyed and had fun to explore and learn about it.

7. **Outcome of the Event:**

Group theory provides a fundamental framework for understanding and classifying algebraic structures. It helped students study symmetry, patterns, and transformations in various mathematical contexts.

8. **Brochure of the Event:**



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9. Photo:



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10. List of Participants:



ST. XAVIER'S COLLEGE MAHUADANR

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List of Participants:

S. No.	Students Name	Signature
1.	PANKAJ KUMAR SINGH	Pankaj Kumar Singh
2.	ASHWINI KUMARI DUBEY	Ashwini Kumari Dubey
3.	NAJNI PARWEEN	Najni Parween
4.	NOOPUR ROY	Noopur Roy
5.	PRITAM KUMAR	Pritam Kumar
6.	SHALINI KUMARI	Shalini Kumari
7.	SIDDHARTH KUMAR	Siddharth Kumar
8.	VICKY KUMAR	Vicky Kumar
9.	ABHISHEK YADAV	Abhishek Yadav
10.	AFIFA PRAVEEN	Afifa Praveen
11.	ALIHA PARWEEN	Aliha Parween
12.	ANJLI KUMARI	Anjali Kumari
13.	DOLI KUMARI SONI	Doli Kumari Soni
14.	LAVKUSH PRASAD	Lavkush Prasad
15.	NEETU KUMARI	Neetu Kumari
16.	PINKEY KUMARI	Pinkey Kumari
17.	RANJAN KUMAR SINGH	Ranjan Kumar Singh
18.	ROSHAN XAXA	Roshan Xaxa
19.	SHIVNATH KUMAR	Shivnath Kumar
20.	SUFY NAJ	Sufy Naj
21.	SUJEET KUMAR	Sujeet Kumar
22.	VAISHNAVI KUMARI	Vaishnavi Kumari
23.	VIDHYSAGAR KUMHAR	Vidhyasagar Kumhar
24.	VIVEK KUMAR	Vivek Kumar
25.	RANI KUMARI	Rani Kumari

Principal
St. Xavier's College
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