VIVEKANANDA MAHAVIDYALAYA – TMC
TWO-DAYS WORKSHOP

IN

AN EXPLORATION OF GEOMETRY AND SYMMETRY

Date: January 2–3, 2025

ORGANISED BY

DEPARTMENT OF MATHEMATICS
Vivekananda Mahavidyalaya, Burdwan-713103, West Bengal

SUPPORTED BY:
The Indian Mathematics Consortium (TMC)

-:INVITATION:-

It is our immense pleasure to inform you that Department of Mathematics, Vivekananda Mahavidyalaya, Purba Bardhaman in collaboration with **The Indian Mathematical Consortium** is going to organize a two days workshop in "*An Exploration of Geometry and Symmetry*" on 2nd - 3rd January 2025. It is our earnest expectation that this workshop will provide a suitable platform to scholars, students, teachers of different colleges and universities to interact and exchange their views on the topic. We, therefore, extend our invitation to you and members of your esteemed College/ Institution/ Department to participate in the Workshop. We hope your presence and participation will make the occasion more valuable, meaningful and thought provoking.

AIMS AND OBJECTIVE OF THE WORKSHOP

The aim of this mini workshop is to introduce local students and faculty members to some intriguing facets of geometry from a group-theoretic perspective. We'll talk about how group theory is incorporated into many concepts that students learn in geometry classes and in undergraduate courses on complex analysis and linear algebra. We'll also show how even minor changes to algebraic structures can yield intriguing insights.

The key objectives are:

(i) to promote student-initiative activities at the UG-PG levels and

(ii) to improve college students' understanding of the foundations, promote mathematical unity, and offer a comprehensive overview to inspire for more research.

CHIEF PATRON & CHAIRMAN :

● **Dr. Animesh Debnath**,
   Teacher-In-Charge,
   Vivekananda Mahavidyalaya,
   Purba Bardhaman -713103, West Bengal,

SPEAKERS:

● **Dr. Krishnendu Gongopadhyay, Professor**,
   Department of Mathematical Sciences,
   Indian Institute of Science
   Education and Research (IISER) Mohali,
   Sector 81, SAS Nagar, Punjab 140306.

● **Dr. Pralay Chatterjee, Professor**,
   The Institute of Mathematical Science (IMSc),
   Chennai.

● **Dr. Abhishek Mukherjee, Associate Professor**,
   Department of Mathematics, Kalna College,
   Kalna, Purba Bardhaman-713409, WB
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● **Dr. Ripan Saha, Assistant Professor**,
   Department of Mathematics,
   Raiganj University, West Bengal.

CONVENOR :

● **Dr. Asim Mukhopadhayay, Associate Professsor**,
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JOINT CONVENORS :

● **Dr. Nijammuddin Ali , Associate Professor,**
   Department of Mathematics, Vivekananda Mahavidyalaya,
   Purba Bardhaman -713103, WB

● **Mr. Samir Tamang, Assistant Professor,**
   Department of Mathematics, Vivekananda Mahavidyalaya,
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OTHER ORGANIZING COMMITTEE MEMBERS:

● **Dr. Anandamoy Mukhopadhyay, Associate Professor,**
   Department of Mathematics, Vivekananda Mahavidyalaya,
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● **Mr. Subhajit Roy, SACT,**
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REGISTRATION FEES: For students – ₹ 100
   For faculty personnel and research scholar – ₹ 500

REGISTRATION LINK: https://forms.gle/ZFoAFeSRCWAyP3TRA

PAYMENT LINK: samirtamang81@okaxis