

Report on “National Seminar on Advances in Computational Mathematics”

Theme: **Advances in Computational Mathematics**

Date: **19th March 2024**

The National Seminar on Advances in Computational Mathematics, held on 19th March 2024 at Bishnu Samantaray College, Nuahat, Jajpur, successfully gathered around 40 students, 21 faculty members from the host college, and 9 faculty members from other institutions, fostering an interactive academic atmosphere.

Event Highlights:

- **Registration** (9:30 – 10:15 AM): The seminar began with participant registration at 9:30 AM.
- **Opening Ceremony** (10:20 – 10:45 AM): **Dr. Sanjit Kumar Mohanty**, the Organising Secretary, welcomed the attendees, and **Prof. Pabitra Mohan Mahala**, Principal and Convenor, inaugurated the seminar, emphasizing its importance in advancing computational mathematics research.

Keynote Addresses and Paper Presentation

1. **Dr. Tushar Kanti Tripathy** (11:05 – 12:30 PM)
Topic: "Etymology of Symbols and Terms Used in Mathematics – A Different Perception"
Dr. Tripathy, Academic Advisor at the Odisha State Higher Education Council, shared a unique perspective on the origins of mathematical symbols, deepening participants' understanding of mathematical terminology.
2. **Dr. Pradip Kumar Parida** (12:35 – 1:35 PM)
Topic: "A Study of Advanced Enclosing Methods"
Dr. Parida, Head of Mathematics at the Central University of Jharkhand, presented advanced enclosing methods with practical examples, enriching participants' comprehension of computational techniques.
3. **Dr. Dwiti Krishan Behera** (1:50 – 2:50 PM)
Topic: "Evaluation of First Order Initial Value Problems Using Numerical Techniques"
Dr. Behera from Ravenshaw University discussed numerical techniques for solving first-order initial value problems, resonating well with students interested in numerical analysis.
4. **Paper Presentation** by Smruti Rekha Parida (10:47 – 10:57 PM)
Topic: "Computational Mathematics"
Smruti Rekha Parida, a third-year Honours student, presented her research, inspiring her peers through her enthusiasm for computational mathematics.

Felicitation and Valedictory Ceremony (2:52 – 3:00 PM)

The guest speakers were honoured, and the Valedictory Ceremony followed, with e-certificates awarded to all participants.

Organizing Committee:

Faculty from the Departments of Physics, Zoology, and one from the Department of English collaborated to ensure the seminar's success.

Vote of Thanks (3:00 PM)

Mr. Purna Chandra Sahoo concluded the event with a vote of thanks, expressing gratitude to the speakers, participants, and organizing team.

Conclusion

The National Seminar on Advances in Computational Mathematics was an enriching event, expanding participants' knowledge and inspiring future research in computational mathematics.



Dr. Sanjit Kumar Mohanty
H.O.D. Mathematics,
B.S. College, Nuahat, Jajpur



Prof. Pabitra Mohan Mahala
Principal
B.S. College, Nuahat, Jajpur