



Activity Report

Session: June, 2022- May, 2023

Name of Event: Departmental Seminar on 'Introduction to Quantum Mechanics' by Physics Department

Date: 28/11/2023

Location: Udalguri College, Udalguri

Objective: The objective of the seminar on "Introduction to Quantum Mechanics" by the Physics Department is to provide participants with a foundational understanding of the principles, concepts, and applications of quantum mechanics.

No of Student Participants: 12

Outcome: By the end of the seminar, participants will be able to:

1. Explain the fundamental principles of quantum mechanics, including wave-particle duality, superposition, and uncertainty principle.
2. Describe key experiments that led to the development of quantum mechanics, such as the double-slit experiment and the photoelectric effect.
3. Understand the mathematical formalism of quantum mechanics, including wavefunctions, operators, and the Schrödinger equation.
4. Discuss the significance of quantum mechanics in modern physics, technology, and various scientific disciplines.
5. Analyze simple quantum mechanical systems and solve basic problems using quantum mechanical principles.
6. Appreciate the philosophical implications of quantum mechanics and its impact on our understanding of the nature of reality.


Dr Luke Daimary
Principal,
Udalguri College

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Naba Kumar Baishya,
Coordinator,
Assistant Professor



List of Participating Students in Seminar on 'Introduction to Quantum Mechanics' by Physics Department

Date: 29/11/2023

SL. No.	Name of the Participants	Semester
1	ABHIJIT DAIMARI	V
2	SREYA BASUMATARI	V
3	CHANDAN BASUMATARY	V
4	DEEP JYOTI BORO	V
5	FENGKHU BORO	V
6	JOHN SWRANG BASUMATARY	V
7	JWNGMA BORO	V
8	GRESISH DAIMARI	I
9	KASTURI BAYAN	I
10	MADHUSMITA GHOSH	I
11	BISHAL DAS	I
12	SAMINA RAI	I

Dr. Luke Daimary,
Principal,
Udalguri College

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Naba Kumar Baishya,
Coordinator,
Asst. Professor, UC