



# ARMY INSTITUTE OF EDUCATION



Affiliated to Guru Gobind Singh Indraprastha University, New Delhi  
Awarded 'A' Grade by NAAC & JAC | NCTE Recognized | Approved by RCI | ISO Certified Institute  
'Institute under the aegis of Army Welfare Education Society (AWES)'

Plot M-1, P-5, Sector- Chi, Gr. NOIDA | Ph. : 0120-2343741/ 42 | e-Mail: [aie@awesindia.edu.in](mailto:aie@awesindia.edu.in) | [www.aie.ac.in](http://www.aie.ac.in)

## TRAINING & PLACEMENT CELL ORGANIZES A PRINCIPAL GUEST LECTURE ON "Building Scientific Temper" : 16 Jan 2024

On 16th January 2024, Army Institute of Education, Greater NOIDA had the privilege of hosting Ms. Aditi Basu Roy, the esteemed Principal of Grads International School, Greater NOIDA as a guest lecturer on the vital topic of "Building Scientific Temper." The lecture was organized to instill a sense of curiosity, critical thinking, and a scientific approach among students.

The primary objective of the guest lecture was to cultivate scientific temper among the students and promote a mind-set that encourages inquiry, observation, and reasoning. Ms. Roy aimed to inspire students to develop a scientific attitude towards problem-solving and decision-making. Dr. Abhilasha Gautam, Principal Army Institute of Education welcomed her and expressed her gratitude for graciously accepted our invitation to share their insights with students of BEd and BEdSplEd Batch 2022-24 and faculty members.

Key Highlights of the lecture were-

**Understanding Scientific Temper:** Ms. Aditi Basu Roy commenced the lecture by elucidating the concept of scientific temper. She emphasized the importance of approaching problems with a rational and empirical mind-set, promoting the spirit of inquiry and scepticism.

**Importance of Critical Thinking:** The guest speaker underscored the significance of critical thinking in the development of scientific temper. Ms. Roy encouraged students to question assumptions, analyse evidence, and consider multiple perspectives before arriving at conclusions.

**Role of Education in Building Scientific Temper:** Ms. Roy highlighted the pivotal role of education in nurturing a scientific mind-set. She discussed the need for a curriculum that fosters curiosity, experimentation, and application of theoretical knowledge in real-world scenarios.

**Practical Examples and Experiments:** The lecture included engaging examples and hands-on experiments to illustrate scientific principles. Ms. Roy's interactive approach kept the students actively involved, fostering a deeper understanding of scientific concepts.

**Promoting Ethical and Responsible Science:** The guest speaker emphasized the ethical dimensions of scientific inquiry. She encouraged students to conduct research responsibly, considering the potential impact of scientific advancements on society and the environment.

Following the lecture, Ms. Roy facilitated a dynamic question-and-answer session. Students enthusiastically participated, seeking clarification on scientific concepts and exploring practical applications of scientific temper in various fields.

**Learning Outcomes:** The guest lecture by Ms. Aditi Basu Roy proved to be enlightening and inspiring, leaving a lasting impact on students and educators alike. Building scientific temper is not only crucial for academic success but also for nurturing responsible and informed citizens. Dr. Jyoti Tiwari, Asst. Prof, AIE conveyed gratitude to Ms. Aditi for her valuable insights and looks forward to more such enriching sessions in the future.





**Dr Abhilasha Gautam, Principal Army Institute of Education Falicited Ms Aditi Basu Roy, Principal Grads International School, Greater NOIDA**



**Ms Aditi Basu Roy, shared her views on "Building Scientific Temper"**



*Abhilasha Gautam*

**Dr. Abhilasha Gautam  
Principal**

**Dr. Abhilasha Gautam  
Principal  
Army Institute of Education  
Greater Noida**