



REGENT EDUCATION & RESEARCH FOUNDATION

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A Webinar on “**Development of Gas Sensors and AI in Sensor Array System**” was organized by the **NDLI Club of Regent Education & Research Foundation** on **27th January 2026 at 12:00 PM onwards**. The session focused on recent advancements in gas sensor technologies and the integration of Artificial Intelligence in sensor array systems for improved detection, monitoring, and data analysis. The webinar aimed to provide participants with insights into modern sensing technologies and their applications in environmental monitoring, industrial safety, and smart systems.

Objectives:

- To introduce participants to the fundamentals and recent developments in gas sensor technologies.
- To explain the role of Artificial Intelligence in improving the performance of sensor array systems.
- To enhance awareness about the applications of smart sensing systems in environmental monitoring and industrial safety.

The program was organized via online platform, Google meet: (meet.google.com/orz-nzpc-ucq).

Number of Students Participated: 51

Number of Faculty Members Participated: 45

The organizing committee was formed as follows:

Coordinator	Mr. Bidyut Kumar Ghosh	President, NDLI Club of RERF
Organizing/Technical Committee	Mr. Mrinmoy Das	Assistant Professor, EE Department, RERF
Program Host	Ms. Dipali Kirtania	Assistant Professor, BSH Department, RERF

In the inauguration program a warm welcome address was given by Ms. Dipali Kirtania, Assistant Professor, BSH Department, RERF. The program was hosted by Ms. Dipali Kirtania, Assistant Professor, BSH Department, RERF. There was scheduled a questionnaire session for the audience with the speakers and the day's program was ended with vote of thanks by Mr. Bidyut Kumar Ghosh, President, NDLI Club of RERF of the program.

Speaker:



Dr. Suraj Kumar Lalwani (PhD, IIIT Allahabad),
Assistant Professor, GLA University, Mathura

Campus : Regent Education & Research Foundation Group of Institutions

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Program Schedule:

27/01/2026	12:00 PM- 12:05 PM	Inauguration
	12:05 PM- 12:10 PM	Welcome Speech
	12:10 PM- 12:50 PM	Keynote Lecture
	12:50 PM- 12:55 PM	Q&A
	12:55 PM- 01:00 PM	Vote of Thanks

Event Outcomes:

- Participants gained knowledge about the working principles and development of modern gas sensors.
- Attendees understood how AI techniques can enhance the accuracy and efficiency of sensor array systems.
- The interactive session helped participants explore real-world applications of sensor technologies in research and industry.

Conclusion:

The webinar successfully highlighted the importance of gas sensor development and the integration of Artificial Intelligence in sensor array systems. The session provided valuable insights into emerging sensing technologies and their practical applications, creating an engaging and informative learning experience for all participants.

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Budget: One thousand five hundred only (1500/-)

Participation List:

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Chiranjit Roy	8900400901	Male	B.Tech-CSE	RERFGI
Triyasha Pal Chowdhury	7601902953	Female	B.Tech-ECE	RERFGI
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ADITY KARMAKAR	9804610438	Female	B.Tech-CSE	RERFGI
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Flyer:



WEBINAR ON

DEVELOPMENT OF GAS SENSORS AND AI IN SENSOR ARRAY SYSTEM

Organized by

NDLI Club
Regent Education & Research Foundation



Dr. Suraj Kumar Lalwani
Assistant Professor,
GLA University, Mathura
PhD, IIIT Allahabad



27th
January
2026



12 PM



[meet.google.co
m/orz-nzpc-ucq](https://meet.google.com/orz-nzpc-ucq)

For Registration, Log in to your
NDLI account and join the Event in
Event Section.
<https://club.ndli.iitkgp.ac.in/sign-in>



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Sample Certificate:



NDLI Club



Indian Institute of Technology
Kharagpur



This is to certify that Sabyasachi Mukherjee has participated in the Development of Gas Sensors and AI in Sensor Array System held on Jan. 27, 2026 organized by the NDLI Club of Regent Education And Research Foundation.

पार्थप्रतिम दास

Dr. Partha Pratim Das

Joint Principal Investigator
National Digital Library of India Project
Indian Institute of Technology
Kharagpur

NDLI CLUB PARTNER



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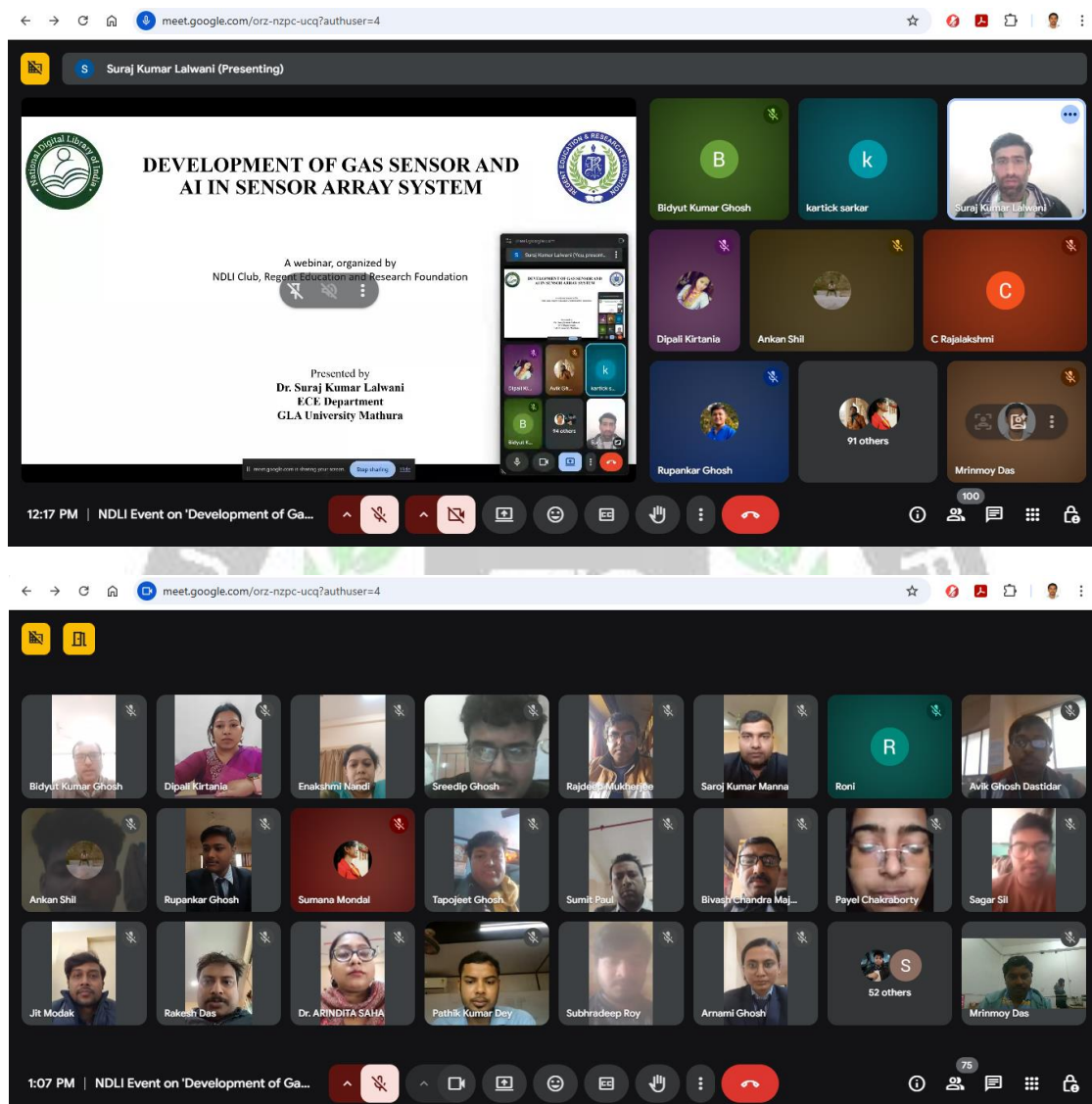
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Event Photographs:



Mr. Bidyut Kumar Ghosh
President
NDLI Club, RERFGI
Date: 21/01/2026
Barrackpore

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