INTEGRAL UNIVERSITY

Syed salman Ahmad warsi <salmanwarsi@iul.ac.in>

Expert Lecture on "Macroscopic, Yet Quantum: The Experimental Arrival of Quantum Circuits" by Department of Physics

Communication Cell IUL <communications@iul.ac.in> Sat, Jan 24, 2026 at 8:41 AM
Bcc: faculty@iul.ac.in

INTEGRAL UNIVERSITY

Department of Physics

NOTICE: Expert Lecture

Dear All,

The Departmental Quality Assurance Cell (DQAC) of Physics Department is organizing an Expert Lecture on **"Macroscopic, Yet Quantum: The Experimental Arrival of Quantum Circuits"**. The lecture will take place on **February 02, 2026 starting at 10:30 AM in Hall – 1, Central Auditorium Building in offline (face to face) mode.** The lecture is closely aligned with the **2025 Nobel Prize in Physics,** which recognizes ground-breaking advancements in quantum circuits and macroscopic quantum phenomena.

We are honoured to have **Prof. S.S.Z. Ashraf** as our distinguished speaker for this event. Prof. Ashraf is currently working as Professor in the Department of Physics, Aligarh Muslim University, Aligarh. His research interests lie within the rich and evolving landscape of Condensed Matter Physics, with particular emphasis on many-body interactions and the transport phenomena in low-dimensional systems. In recent years, his scientific inquiry has been captivated by the remarkable properties of graphene and its bilayer structures.

Throughout his academic career, Dr. Ashraf has authored more than fifty research papers published in reputed international journals such as the Journal of Physics: Condensed Matter, Journal of Applied Physics, Physica E, Physica Status Solidi B, Physica Scripta, International Journal of Modern Physics B, Modern Physics Letters, Journal of Alloys and Compounds, European Physical Journal: Applied Physics, World Journal of Condensed Matter Physics etc.

We cordially invite all faculty members and students from every course to attend this enriching lecture. The lecture will provide valuable insight into the scientific significance and experimental realization of this Noble Prize winning contribution. The event is expected to substantially enrich the academic and research exposure of the participants. We look forward to your active participation in this enlightening session.

With warm regards

Prof. Shamoon Ahmad Siddiqui
Professor and Head
Department of Physics, Faculty of Science
Integral University, Lucknow

Head
Department of Physics
Integral University, Lucknow

INTEGRAL UNIVERSITY

Syed salman Ahmad warsi <salmanwarsi@iul.ac.in>

Report of Expert Lecture On "Macroscopic, Yet Quantum: The Experimental Arrival of Quantum Circuits" organized by Department of Physics

Communication Cell IUL <communications@iul.ac.in> Thu, Mar 19, 2026 at 3:21 PM
Bcc: pyfc@iul.ac.in

INTEGRAL UNIVERSITY

Department of Physics

Report of Expert Lecture
On
Macroscopic, Yet Quantum: The Experimental Arrival of Quantum Circuits

Date: 2nd February, 2026

The Departmental Quality Assurance Cell (DQAC) of the Department of Physics successfully organized an expert lecture on **"Macroscopic, Yet Quantum: The Experimental Arrival of Quantum Circuits"**, aligned with **Sustainable Development Goal (SDG)–4: Quality Education**. The lecture was held on **February 02, 2026**, starting at **10:30 AM**, in **Hall–1, Central Auditorium Building**, in **offline (face-to-face) mode**. The event was organized with the objective of strengthening academic quality and enhancing exposure to cutting-edge developments in contemporary physics.

The lecture was closely aligned with the **2025 Nobel Prize in Physics**, which acknowledges groundbreaking advancements in **Quantum Circuits and Macroscopic Quantum Phenomena**. Through this thematic focus, the event highlighted how quantum effects, traditionally confined to microscopic scales, are now being experimentally realized in macroscopic systems, opening new frontiers in quantum technologies, computation, and precision measurements.

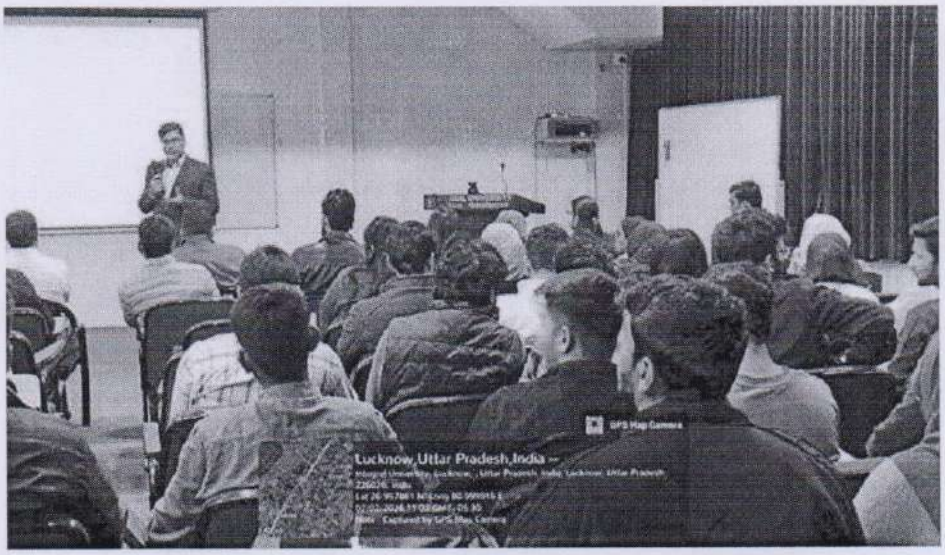
The Department was honoured to host **Prof. S.S.Z. Ashraf**, Professor, Department of Physics, **Aligarh Muslim University, Aligarh**, as the distinguished speaker. Prof. Ashraf delivered an insightful and intellectually stimulating lecture, discussing the scientific significance, experimental challenges, and broader implications of the Nobel Prize–winning contributions. His presentation effectively bridged fundamental concepts with experimental realizations, making the topic accessible and engaging for students, researchers, and faculty members alike.

Overall, the lecture was highly enriching and contributed significantly to the academic and research orientation of the participants. The event reinforced the Department's commitment to quality education, research excellence, and alignment with global scientific developments, thereby fulfilling the objectives of SDG–4 in a meaningful manner.

Head
Department of Physics
Integral University, Lucknow

Glimpses from the Expert Lecture

Ms. Afreen, Student of M.Sc. 2nd Year Physics presenting bouquet to Prof. S.S.Z. Ashraf



Prof. S.S. Z. Ashraf explain the concept of Microscopic and Macroscopic Interaction

Head
Department of Physics
Integral University, Lucknow

Prof. S.S. Z. Ashraf taking the queries from the audience

Students of different programs attending the expert lecture

With best regards

Head
Department of Physics
Integral University, Lucknow

Prof. Shamoon Ahmad Siddiqui
Professor and Head
Department of Physics, Faculty of Science
Integral University, Lucknow

INTEGRAL UNIVERSITY

DEPARTMENT OF PHYSICS

Expert Lecture on

Macroscopic, Yet Quantum: The Experimental Arrival of Quantum Circuits

(2nd February, 2026)

Venue: Hall – 1, Central Auditorium Building

Attendance Sheet

S. No.	Enrollment No. / Roll No.	Name	Program	Branch & Group	Signature
1	2400102243	Mohammad Rustam	M.Sc.	Physics	Rustam
2	2100100012	Rida Fatima	MSc	Physics	Rida Fatima
3	2400102656	Afreen Bano	M.Sc.	Physics	
4	2400105742	Areeba Naeem	M.Sc	Physics	Areeba
5	1800101301	Ashhad Jamalkhan	M.Sc	Physics	Ashhad
6	2500106885	Aditya Awasthi	B.Sc	Physics	Aditya.
7	2500101105	Sankar S. Sharma	B.Sc.	Physics	
8	2500103348	Swapnil Nema	B.Sc	Physics	Swapnil Nema
9	2500105067	Aditya Dixit	B.Sc	Physics	
10	2500106626	Ananya Singh	B.Sc	Physics	Ananya
11	2500100288	Kavitha Rosy Mary A	M.Sc	Physics	Kavitha
12	2500106096	Anisha Singh	M.Sc	Physics	Anisha.
13	2500106524	Priyanshu Verma	M.Sc	Physics	Priyanshu
14	2200101602	Mohd Ayaan	M.Sc.	Physics	Ayaan

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S. No.	Enrollment No. / Roll No.	Name	Program	Branch & Group	Signature
1	2500101653	Asaraf Ahamad	B.Tech.	CIVIL	Asaraf Ahamad
2.	2500101735	Abdul Kalam	B.Tech.	civil(Engg)	Abdul Kalam
3.	2500106123	Mohammad Salman	B.tech	DSAI-C	Salman
4	2500101286	Mohammad Nadim	B.Tech	Civil	Mohammad Nadim
5	2500106882	Mohammed Ayaan Shamim	B.Tech.	Civil	Ayaan Shamim
6	2500101836	Ashik khan	B.tech.	civil	
7	2500101856	Aaqib faridi	B-Tech.	Civil	Aaqib faridi
8	2500106346	Imam mustafa	B-Tech.	civil	Imam
9	2500100914	Mohd Imad Farli	B-Tech.	Civil	
10.	2500101541	Mohd. Faizan	B-Tech.	civil	Mohd. Faizan
11	2500100391	Nishan Husain	B.Tech.	Civil	Nishan.
12.	2500100674	Mohammad Shahbaz Qamer	B.Tech.	Civil	Shahbaz
13	2500103234	Saif Ahamad	B.Tech.	Civil	
14.	2500100268	Mohd. Salmkhan	B.Tech.	Civil	
15.	2500101776	Syed Humdan Ahmad	B.Tech.	Civil	Syed Humdan Ahm.
16	2500100256	Rashad Khan	B.Tech.	Civil	
17	2500100657	Syed Mohsin Mahdi	B.Tech	Cse(Dsai)	
18	2500105213	Shuja Abbas	B.Tech	CSE(DSAI-C)	
19	2500101965	Adnan Moquit	B.Tech.	Civil	
20	2500106644	Mohd. Talha	B.TECH	CSE(DSAI)-C	

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S. No.	Enrollment No. / Roll No.	Name	Program	Branch & Group	Signature
1	2500100334	Tanishka Nigam	BTech CSE	DSAI-C	Tanishka
2	2500105373	Aseebah Mahmood	BTech CSE	DSAI-C	Aseebah
3	2500105138	Sidra Siddiqui	B.Tech CSE	DSAI-C	
4	2500102694	Ilroej Fatima	BTech CSE	DSAI-C	Fatima
5	2500105821	SANIA TAQUI	BTECH CSE	DSAI-C	Sania Taqui
6	2500101226	YASH PANDEY	Btech CSE	DSAI-C	Yash Pandey
7	2500106601	UMRA FATIMA	B.tech CSE	DSAI-C	Syed Umra
8	2500101589	IQRA ANSARI	B.tech CSE	DSAI-C	Iqra Ansari
9	2500103938	Umara Khatoon	B.Tech CSE	DSAI-C	Umara Khatoon
10	2500105285	Mohd Kamran Ajaz	B.Tech CSE	DSAI-C	Kamran
11	2500106636	Mohd. Hamza Khan	B.Tech CSE	DSAI-C	
12	2500100747	Zaid Hussain	B.tech CSE	DSAI-C	Zaid Hussain
13	2500105853	Aniket Kumar	B.TECH CSE	DSAI-C	
14	2500102672	SHUBHAM kumar	B.tech CSE	DSAI-C	
16	2500105387	Zeerak Ateeque	BTech CSE	DSAI-C	
18	2500105778	Syed waqar Hussain	BTech CSE	DSAI-C	
17	2500102881	Ahmad Ibrahim	BTech CSE	DSAI-C	Ahmad
18	2500106461	Hamza Iqbal	BTech CSE	DSAI-C	Hamza
19	2500105858	Mahboob Nawaz	BTech CSE	DSAI-C	
20	2500105730	Mohammad Talha	BTech CSE	DSAI-C	Talha
21	2500105820	Aryan Mishra	BTech CSE	DSAI-C	Aryan Mishra

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S. No.	Enrollment No. / Roll No.	Name	Program	Branch & Group	Signature
1	2500101844	Waquar yunus	DSAI-C	B.Tech CSE-C	Waquar
2.	2500105089	Kartikey Singh	B-Tech CSE	DSAI-C	Kartik
3.	2500104016	Yashvardhan Singh	B-Tech CSE	DSAI-C	Yash
4.	2500105326	Anuj Kumar	B.Tech CSE	DSAI-C	Anuj
5.	2500101171	Zameer Shekh	B.Tech CSE	DSAI-C	Zameer
6	2500100041	Sayem Ashraf	BTech DSAI-C	DSAI-C	Sayem
7.	2500101325	Uzaifa Shafeeq	BTech CSE	DSAI-C	Uzaifa
8.	2500100296	Wasit Irshad	BTech CSE	DSAI-C	Wasit
9.	2500100535	Yumna Rahman	BTech CSE	DSAI-C	Yumna
10.	2500106227	Umra Hassan	BTech CSE	DSAI-C	Umra
11.	2500106297	Moris Chauhan	BTech CSE	DSAI-C	Moris
1					

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1.	2500102228	Yasir Zama Khan	B.tech	DSAI - C	Yasir Zama.
2.	2500103365	Zohaib Ahmed Khan	B.tech	DSAI-C	Zohaib
3	2500104892	Tasfeen nawaz	B.Tech.	Civil	Tasfeen nawaz
4	2500100227	Sheikh Faiz	B.Tech.	Civil	
5	2500100894	Aquib Sohail	B.Tech.	Civil	Aquib Sohail
6.	2500103775	Damendra Singh	B.Tech.	Civil	
7.	2500100343	Yash Patel	B.Tech	DSAI-C	Yash
8.	2500105731	Mohd. Shadman	B.Tech.	civil	Shadmans
9.	2500102755	Ghazi Siddiqui	B.Tech.	civil.	Ghazi
10.	2500105804	Nadim Khan	B.Tech.	Civil,	
11.	2500101965	Adnan Moquith	B.Tech.	Civil.	Adnan moquith.

Shamas

Head
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Integral University, Lucknow