

# हंसराज महाविद्यालय

दिल्ली विश्वविद्यालय  
महात्मा हंसराज मार्ग,  
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वेबसाइट : www.hansrajcollege.ac.in



# HANS RAJ COLLEGE

UNIVERSITY OF DELHI  
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**NAAC ACCREDITED 'A++' GRADE COLLEGE**

## Department of Physics and Electronics, Hansraj College

### Event Report

**Event name:** Aspects of Measuring Light

**Date of the event:** February 22<sup>th</sup>, 2024

**Time:** 2.00 pm

**Lumen Convener:** Prof. Sushil Kumar

**Event Convener:** Dr. Yogesh Kumar

**Co-Convenors:** Dr. Ravi Kr. Verma, Dr. Sanjeev Kumar

**Coordinators:** Dr. Aman Phogat, Dr. Jnaneswari Gallenki

**Programme Mode & Venue:** Offline & New Seminar Hall

**Organized by:** The Physics and Electronics Society of Hansraj College & IAPT RC1

### Report:

Lumen, the Physics and Electronics Society of Hansraj College, orchestrated a captivating seminar centred around the aspects of measuring light. Dr. Shibu Saha, a distinguished senior scientist from CSIR-NPL Laboratory, graced the occasion as the esteemed guest speaker. The seminar aimed to elucidate the intricacies of metrology, shed light on the fundamental principles of photometry and showcase cutting-edge instruments at NPL. Key highlights are unravelling metrology's significance, delving into Photometry and showcasing NPL's Advanced Instrumentation. A highlight of the seminar was the captivating showcase of state-of-the-art instruments housed at the esteemed CSIR-NPL Laboratory. Dr. Saha provided attendees with a first-hand glimpse into the cutting-edge equipment utilized in metrological research and application. Through interactive demonstrations, participants witnessed the transformative potential of advanced measurement technologies. The seminar culminated in a stimulating interactive session, where attendees actively participated in discussions and posed insightful questions to Dr. Shibu Saha. This session provided a platform for attendees to deepen their understanding of the topics covered, fostering a vibrant exchange of ideas and perspectives. The seminar organized by Lumen provided a compelling exploration of light measurement, under the expert guidance of Dr. Shibu Saha. Attendees departed with enriched insights into metrology and photometry, appreciating their profound impact on scientific inquiry and technological advancement. The event exemplified Lumen's commitment to fostering intellectual curiosity and academic excellence within the student community at Hansraj College. Lumen extends heartfelt gratitude to Dr. Shibu Saha for his illuminating presentation and invaluable contribution to the seminar, organizers and also to all attendees for their active participation and enthusiasm, which significantly contributed to the success of the event.

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The Physics & Electronics Society, Hansraj College  
in collaboration with  
Indian Association of Physics Teachers RC-1  
is organizing a seminar on  
**ASPECTS OF MEASURING LIGHTS**

22 February, 2024  
2 pm Onwards  
New Seminar Hall

Explore the Science of Illumination with Us!

Register: [Click Here](#) Or Scan:

Speaker: Dr. Shibu Saha  
Senior Scientist,  
CSIR-National Physical Laboratory

For any queries, contact: Vikalp: 9378183223 Vardhaman: 9555856040

Prof. Sushil Kumar Lumen Convener	Dr. Yogesh Kumar Event Convener & Secretary, IAPT RC1	Prof. (Dr.) Rama, Principal Patron
Dr. Ravi Kumar Verma Dr. Sanjeev Kumar Co-conveners	Dr. Aman Phogat Dr. Jyotirmoyi (Gillani) Coordinators	Prof. Chetana Jain Teacher-in-Charge
		Ms. Alka Kacker IQAC Director



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## NAAC ACCREDITED 'A++' GRADE COLLEGE

**Attendance: 99 Participants**

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NAAC ACCREDITED 'A++' GRADE COLLEGE  
Tenth - 1st Jark - 22/10/24

S.No.	Name	Course	Year	Contact No.	Signature	Roll No.
1	RIRIK KUMAR	B.Sc (H) Physics	III	740618388	[Signature]	11891
2	HARISH PANDAY	B.Sc (H) Physics	III	607092872	[Signature]	3912
3	Sawan	B.Sc Physics (H)	III	9053691603	[Signature]	3912
4	Taru	B.Sc. Physics (H)	III	868497001	[Signature]	4012
5	Ankit	B.Sc (H) Physics	III	91687287	[Signature]	4003
6	Rishabh Sharma	"	III	782255009	[Signature]	4003
7	Rishabh Chakraborty	B.Sc (H) Physics	III	812822222	[Signature]	4012
8	Ananya Choudhary	"	III	783531276	[Signature]	4012
9	Sahil Mohamed	"	III	783531276	[Signature]	4012
10	Sahana Mansoori	"	III	884197460	[Signature]	4012
11	Rishi	"	III	783531276	[Signature]	4012
12	Anurag Lohia	"	III	900626643	[Signature]	4012
13	Ankit Kumar	"	III	703377005	[Signature]	4012
14	Anshuman Singh	"	III	330308001	[Signature]	4012
15	Agamdeep Singh	"	III	818303030	[Signature]	4012
16	Rishi	"	III	822218559	[Signature]	4012
17	Anshuman Singh	"	III	546678222	[Signature]	4012
18	VANSHI SHARMA	B.Sc (H) Physics	III	835313465	[Signature]	4012
19	Ananya Shukla	B.Sc (H) Physics	III	314022080	[Signature]	4012
20	Jyoti Singh	B.Sc (H) Physics	III	931080223	[Signature]	4012

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21	Hanshul	B.Sc Physics	III	7850071543	[Signature]	4012
22	Sachin Agrawal	B.Sc Physics	III	8790502196	[Signature]	4012
23	AMIT DASHI	B.Sc PHYSICS	III	9354153071	[Signature]	4012
24	Rishabh Chakraborty	B.Sc Physics	III	866871207	[Signature]	4012
25	Vedant Singh	B.Sc Physics	III	941878285	[Signature]	4012
26	Anant Mehta	B.Sc Physics	III	818850222	[Signature]	4012
27	Rishabh	B.Sc Electronics	III	86710460	[Signature]	4012
28	Rishabh	B.Sc Electronics	III	882229246	[Signature]	4012
29	Anurag	B.Sc Electronics	III	931380838	[Signature]	4012
30	Aravind	B.Sc Electronics	III	716004075	[Signature]	4012
31	Pragya Singh	B.Sc Electronics	III	7007018756	[Signature]	4012
32	KAPIL SINGH YADAV	"	"	"	[Signature]	4012

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S.No.	Name	Course	Year	Contact No.	Signature	Roll No.
33	Rishi	B.Sc (H) Physics	3	7810647799	[Signature]	4034
34	Sanskriti Malik	B.Sc (H) Physics	3	9821101107	[Signature]	11891
35	Rudra Prasad Jha	B.Sc (H) Physics	3	8205153896	[Signature]	3912
36	Dhanyanshi Masani	B.Sc (H) Physics	3	9889136093	[Signature]	3912
37	Hitesh Dixit	B.Sc (H) Physics	3	9079131211	[Signature]	3912
38	Ashwath Ghosh	B.Sc (H) Physics	3	8834614571	[Signature]	3912
39	Anita Singh	B.Sc (H) Physics	3	8638761211	[Signature]	4005
40	Sangeeta	B.Sc (H) Physics	3	828513111	[Signature]	3924
41	Sahil Mehta	B.Sc (H) Physics	3	9305953661	[Signature]	3928
42	Parmanveer Singh	B.Sc Physics/Sci	3	7419251379	[Signature]	14352
43	Prityanshi	B.Sc (H) Chemistry	2	9896682470	[Signature]	8267
44	Saksham	B.Sc Life Sci	1	9813718180	[Signature]	1435
45	Aditya	B.Sc Life Sci	1	8807411362	[Signature]	1435
46	Hanshul	B.Sc Life Sci	1	739473823	[Signature]	1435
47	Rishabh	B.Sc (H) Physics	III	9079131211	[Signature]	4012
48	Sandeep	"	"	887074976	[Signature]	4003
49	Vishal Sharma	B.Sc (H) Physics	III	837-978329	[Signature]	4034

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50	Hanshul	B.Sc Physics	III	7850071543	[Signature]	4012
51	Dhruv Choudhary	B.Sc Physics	III	88185703	[Signature]	4012
52	Rishabh Datta	B.Sc (H) Physics	III	60091339	[Signature]	4012
53	Muskan Singh	B.Sc (H) Physics	III	988223710	[Signature]	4012
54	Vishal Singh	B.Sc (H) Physics	III	861551097	[Signature]	4012
55	Sahil	B.Sc Physics	III	91920479	[Signature]	4012
56	Tanishk Choudhary	B.Sc Physics	III	11330000	[Signature]	4012
57	Ashwath Ghosh	B.Sc Physics	III	8834614571	[Signature]	4012
58	Anant Mehta	B.Sc Physics	III	818850222	[Signature]	4012
59	Anant Mehta	B.Sc Physics	III	818850222	[Signature]	4012
60	Anant Mehta	B.Sc Physics	III	818850222	[Signature]	4012
61	Rishabh Chakraborty	B.Sc Physics	III	866871207	[Signature]	4012

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S.No.	Name	Course	Year	Contact No.	Signature	Roll No.
62	Rishabh Datta	B.Sc Physics	III	60091339	[Signature]	4012
63	Rishabh Datta	B.Sc Physics	III	60091339	[Signature]	4012
64	Ananya	B.Sc Physics	III	700647003	[Signature]	4012
65	Rishabh Chakraborty	B.Sc Physics	III	866871207	[Signature]	4012
66	Ananya	B.Sc Physics	III	700647003	[Signature]	4012
67	Ananya	B.Sc Physics	III	700647003	[Signature]	4012
68	Ananya	B.Sc Physics	III	700647003	[Signature]	4012
69	Ananya	B.Sc Physics	III	700647003	[Signature]	4012
70	Ananya	B.Sc Physics	III	700647003	[Signature]	4012
71	Ananya	B.Sc Physics	III	700647003	[Signature]	4012
72	Ananya	B.Sc Physics	III	700647003	[Signature]	4012
73	Ananya	B.Sc Physics	III	700647003	[Signature]	4012

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S.No.	Name	Course	Year	Contact No.	Signature	Roll No.
74	Aman Sharma	B.Sc (H) Physics	3rd	85918219	[Signature]	4052
75	Ananya Sharma	B.Sc (H) Physics	3rd	8936756410	[Signature]	3940
76	Nancy	B.Sc (H) Physics	3rd	9806261058	[Signature]	3949
77	Karishma	B.Sc (H) Physics	3rd	7488809152	[Signature]	4014
78	Nayan	B.Sc (H) Physics	3rd	9307150301	[Signature]	4031
79	Himanshi	B.Sc Phys. Sci	1st	7015081178	[Signature]	14381
80	Anshuman Singh	B.Sc Phys. Sci	1st	9312130000	[Signature]	14382
81	Darshana Singh	B.Sc Phys. Sci	1st	7307123587	[Signature]	14383
82	Mohini Singh	B.Sc Phys. Sci	1st	8432220596	[Signature]	14351

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S.No.	Name	Course	Year	Contact No.	Signature	Roll No.
83	KARTIKEY	B.Sc Electronics	3	730637798	[Signature]	4012
84	Rajat	B.Sc Physics	1	3149214069	[Signature]	4012
85	Satyam Yadav	B.Sc Physics	1	730637798	[Signature]	4012
86	Mayank Sharma	B.Sc Physics	1	730637798	[Signature]	4012
87	Vedika Puri	B.Sc Physics	1	88085148	[Signature]	4012
88	Anamika Sharma	"	"	6006159106	[Signature]	4012
89	Palak Kumar	B.Sc Physics	3	870600985	[Signature]	4012
90	Ananya Sharma	B.Sc Physics	3	730637798	[Signature]	4012
91	Gaurav S. Patel	"	"	88085148	[Signature]	4012
92	Rishabh Yadav	"	"	781823208	[Signature]	4012
93	Chetan	B.Sc (H) Physics	1	88085148	[Signature]	4012
94	Satya Choudhary	"	"	977353880	[Signature]	4012
95	Vishal	"	"	88085148	[Signature]	4012

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96	Pragya Singh	B.Sc Physics	III	85036885	[Signature]	14363
97	Dhruv Kumar	"	"	9411470163	[Signature]	14360
98	Kaushik Singh	"	"	938989257	[Signature]	14361
99	Mohika Kataria	"	"	979790719	[Signature]	14371