

# **The Department of Physics and Electronics and Student Learning Centre Hansraj College Report @ Talk**

**Event name:** Talk on “The magnificent two - Relativity and Quantum theory, in pursuit of understanding the universe” by Prof. Patrick Das Gupta.

**Date of the event:** 21<sup>st</sup> March' 2024

Wondering and questioning makes every student evolve as a great learner. Encouraging students to question and developing a positive mind frame has always been one of the goals of dept. of Physics and Electronics, Hansraj college. In collaboration with Students Learning Center, Hansraj College, dept. of Physics and Electronics has organized a talk on “**The magnificent two - Relativity and Quantum theory, in pursuit of understanding the universe**” by Prof. Patrick Das Gupta on Thursday, 21<sup>st</sup> March, 2024, 12:30 pm onwards. He illuminated the gathering with his vast knowledge and made the session a great success. All the students were very eagerly waiting to interact with Prof. Patrick Das Gupta as he is known to be one of the best physicist in India. The interactive session kicked off with questions from students and Prof. Patrick was delighted to answer them. More than 60 students along with few from other college actively participated in the stimulating session. We look forward to organize more such sessions in future to boost up our students.

**Few images@ Talk**

Department of Physics & Electronics, Hansraj College  
 In collaboration with Student Learning Centre (SLC)  
 Presents a lecture on

**THE MAGNIFICENT TWO-RELATIVITY AND QUANTUM THEORY**  
 IN PURSUIT OF UNDERSTANDING THE UNIVERSE

Prof. Patrick Das Gupta  
 @ Department of Physics and Astrophysics, DU

21 March, 2024  
 12:30 PM onwards  
 Old Seminar Room, Hansraj College

SCAN ME

Prof. (Dr.) Rama, Principal Patron	Prof. Vijay Rami Rajpal Vice-Prinicipal	Dr. Alka Kaicker IPEC Director	Dr. Pooja Arora Coordinator, SLC
Prof. Chetana Jain Research - In-Charge	Dr. Neelima Saha-Kachheri De. Neelam Singh Governor	Keshav Jindal Shatakshi Srivastava Student Coordinators	Lakshya Sharma Rohitdeep Kar Student Volunteers



Delhi, Delhi, India  
 M6H6+W54, Hansraj College, Delhi, 110007, India  
 Lat 28.679552°  
 Long 77.210458°  
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Delhi, Delhi, India  
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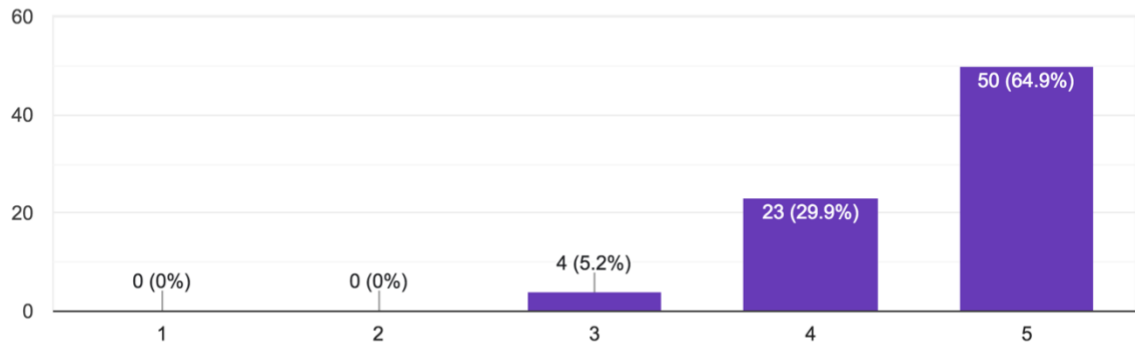


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## Feedback @students

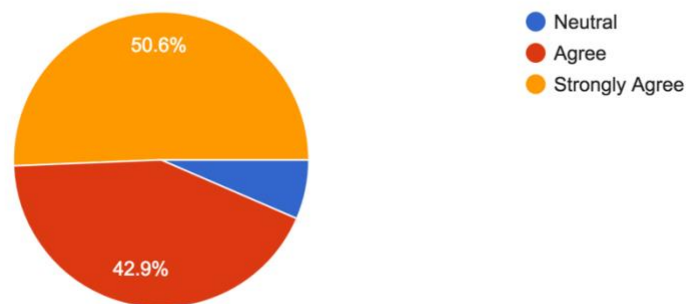
How satisfied were you with the event?

77 responses



The contents of the Lecture were interesting, understandable and useful.

77 responses



What were your key take-aways from this event?

77 responses

we got to know many new and interesting things in the session.

A little introduction to gravity and cosmology. Really enjoyed doubt session.

How to think a vacuum is and some concepts of relativity.

Nothing

It helps to better understand the STR .

Knowing in depth about quantum and relatively as well exposure to new things

Physics is always interesting and it never fails to impress us.

Its really changed my perspective about how I think about Relativity and Quantum theory. Its really amazing and helpful exposure to me in Relativity and Quantum theory.

It's great to have Patrick Sir insights, his experience, interactive nature with students, listening to everyone's

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It's great to have Patrick Sir insights, his experience, interactive nature with students, listening to everyone's thought not only on physics related topics but also on subject like public policy make the lectures outstanding and inspirational. Some of the key concepts of physics like time,STR and astronomy was included which helps me to have a new thought process of physics.

Good

It's very useful and I have started doing work towards relativity

Mathemagical.

Very o

We got insights on basics as well as complex problems of physics ! We get a chance to interact and ask our doubts regarding Physics and respected Sir has given an excellent and insightful thoughts on my doubts ! Over all pleased with the seminar and hope to be part of other such events !and

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The event is very useful

We learnt about What us time, How physics and meta physics are related, About String theory and its curled up dimensions and many other things

Better understanding of astrophysics. Importance of mathematics and importance of discussion.

How we can relate the quantam application in real world . Time Machine concept ,

The connection between relativity and Quantum mechanics. The example of an infinite rod extending to the Andromeda galaxy.

Intersting fact about time , time dilation, relativity, little bit concept of worm holes and time traveller

Concept of time dialtion , worm holes and time travel, relativity,

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# हंसराज कॉलेज

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## NAAC ACCREDITED 'A++' GRADE COLLEGE

**Title: Talk on "The magnificent two: Relativity and Quantum Theory, in pursuit of understanding the universe"**

**Date: 21<sup>st</sup> March, 2024**

**Time :12: 30 pm onwards**

**Venue: Old seminar hall**

### Students Attendance

Sl. No.	Name	Department	Signature
1.	AYUSH GUPTA	B'S.C.(H) PHYSICS (5 <sup>th</sup> yr)	Ayush Gupta
2.	ANOOB KUMAR	BSc (H) Physics	Anoop
3.	UJJWAL PANDEY	B.Sc. (Hons) PHYSICS	Ujjwal
4.	Piyush Sharma	BSC (Hons) physics	Piyush
5.	Abhishek Sukhwat	B.Sc physics (H)	Abhishek
6.	Anisha Khatri	MSc Physics Hindu College	Anisha
7.	Priyanshu Ranjan	M.Sc. Physics Ramprastha	Priyanshu
8.	Sakshi Bhatia	B.S.C. (H) Physics (H)	Sakshi
9.	Harehit	BSc (H) Physics (H)	Harehit
10.	Tannu	B.S.C. (H) Physics (H)	Tannu
11.	Divyam	BSc (H) Physics (H)	Divyam
12.	Nikhil verma	BSc physics (H)	Nikhil
13.	Aditya Kumar	BSc (H) physics - III <sup>rd</sup>	Aditya
14.	Damayanti Masrani	BSc (H) Physics - III <sup>rd</sup>	Damayanti
15.	Sudhepto Dixit	BSc (H) Physics III <sup>rd</sup>	Sudhepto
16.	Sumit	BSc (H) Physics III <sup>rd</sup>	Sumit
17.	Nardhaman Singh Yadav	BSc (H) Physics III <sup>rd</sup>	Nardhaman
18.	Nikesh Sharma	BSc. (H) Physics III <sup>rd</sup>	Nikesh
19.	Nanay	B.Sc. (H) Physics III <sup>rd</sup>	Nanay
20.	Deepak Choudhary	BSc. (H) Physics III <sup>rd</sup>	Deepak
21.	Prem Thapa	B.Sc (H) Physics III <sup>rd</sup>	Prem
22.	Sonam Boro.	B.Sc (H) Physics III <sup>rd</sup>	Sonam Boro.
23.	Ankit Kumar	B.Sc (H) Physics III <sup>rd</sup>	Ankit
24.	Vishakha Singh	BSc (H) Physics III <sup>rd</sup>	Vishakha
25.	Anurag Kumar	B.Sc. (H) Physics III <sup>rd</sup>	Anurag
26.	Arjun Kumar	B.Sc. (H) Physics III <sup>rd</sup>	Arjun
27.	Himanshu Aggarwal	B.Sc. (H) Physics I <sup>st</sup>	Himanshu
28.	Chiranjeev Mishra	BSc. (H) Physics I <sup>st</sup>	Chiranjeev Mishra
29.	Sausham Anand	BSc (H) Physics I <sup>st</sup>	Sausham
30.	Saksham Jaggi	BSc. (H) Physics I <sup>st</sup>	Saksham jaggi
31.	AKSHAY JINDAL	BSc (Physics) 1 <sup>st</sup> year	Akshay Jindal

- 32. Billu yadav
- 33. Vishnu Gujar
- 34. CA Tushar Maishu

B.Sc (Physics) III<sup>rd</sup> year  
 B.Sc. Physics (hon.) III<sup>rd</sup> year  
 B.Sc Physics (H) 3<sup>rd</sup> year

Billu yadav  
Vishnu  
Tush

Sl. No.	Name	Year	Branch
1	Billu yadav	III <sup>rd</sup>	B.Sc (Physics)
2	Vishnu Gujar	III <sup>rd</sup>	B.Sc. Physics (hon.)
3	CA Tushar Maishu	III <sup>rd</sup>	B.Sc Physics (H)
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### Students Attendance

Sl. No.	Name	Department	Signature
1	Vishal (3958)	Physics (H) 3 <sup>rd</sup> yr	Vishal
2	Piyush (3916)	Physics (H) 3 <sup>rd</sup> yr	Piyush
3	Beyanthe (3966)	Physics (H) 3 <sup>rd</sup> yr	Beyanthe
4	Rohit Singh (3961)	Physics (H) 3 <sup>rd</sup> year	Rohit
5	Parth (3962)	Physics (H) 3 <sup>rd</sup> year	Parth
6	Tejas (3947)	Physics (H) 3 <sup>rd</sup> year	Tejas
7	Ankit (3937)	physics (H) 3 <sup>rd</sup> year	Ankit
8	Sawan (3944)	B.Sc Physics (H) 3 <sup>rd</sup> year	Sawan
9	Harsh (3965)	Bsc Physics (H) 3 <sup>rd</sup> yr	Harsh
10	Hanshul (3908)	Bsc. Physics (Hons.) 3 <sup>rd</sup> yr	Hanshul
11	Vijay (3970)	"	Vijay
12	Ritik (3948)	"	Ritik
13	Adithya Krishna (3904)	"	Adithya
14	Arjun KR (3905)	"	Arjun
15	MOOSA (3909)	"	MOOSA
16	Alen Baby (3913)	"	Alen
17	Anshul Mina (8917)	B.Sc (Hons) Physics	Anshul
18	Sabil Yadav (8942)	"	Sabil Yadav
19	Yash Kumar (8940)	"	Yash Kumar
20	Himanshu Sheawat (9000)	"	Himanshu
21	Nishant Singh (8923)	"	Nishant
22	lakshya Sharma (3959)	"	lakshya
23	ALICK KACHIGWADA	Bsc(H) Electronics	ALICK
24	Subhadip Kar	BSC. Physics (H)	Subhadip
25	AKANSHU RAJPUT	Bsc Electronics (H)	Akanshu
26	Kaish Goyal	"	Kaish
27	Suhail Hafeez	BSc (H) Physics (H)	Suhail
28	Shatakshi Srivastava	"	Shatakshi
29	Keshav Jindal	BSC (H) Physics, 2 <sup>nd</sup> year	Keshav

