



Christ Church College, Kanpur

National Science Day Celebration by Physics Society “*pragyan*” (28/02/2024)

REPORT

Objective:

National Science Day, celebrated on February 28th every year, commemorates the discovery of the Raman Effect by Indian physicist Sir C.V. Raman in 1928. It is a day to acknowledge the importance of science and its role in our daily lives. To mark this occasion, the Physics Society “*pragyan*” of the Department of Physics, organized an exciting line-up of events designed to ignite curiosity, foster learning and celebrate the marvels of science.

Program Highlights:

1. Inaugural Ceremony: The program began with the lighting of lamp by the Principal and Secretary, College Governing Body Professor Joseph Daniel, Chief Guest Professor Aditya Kelkar, IIT Kanpur, Guest of honour Dr. Adhip Agarwala, IIT Kanpur, Incharge Physics department Professor Satya Prakash Singh, Convener Dr. Manish Kapoor and Co-convener Dr. Ashutosh Kumar.

Professor Satya Prakash Singh formally welcomed the guests and audience who had gathered in the auditorium to witness the celebration of National Science Day. The outline of the day's program was shared by Dr. Manish Kapoor.

In his address the Principal, Professor Joseph Daniel highlighted the importance of science in daily life and its role in shaping the future. He encouraged the students to develop a curiosity for science and pursue careers in Science, Technology, Engineering and Mathematics (STEM) fields. Professor Aditya Kelkar shared his views on the significance of National Science Day in promoting scientific temper and innovation. He urged the students to think critically, question assumptions and embrace a scientific approach to problem-solving.

Dr. Adhip Agarwala, in his speech, stressed the importance of creativity, perseverance, interdisciplinary approach to problem solving and collaboration in scientific research and innovation. He guided aspiring scientists and researchers on how to navigate challenges and pursue their goals.

In the end, Dr. Ashutosh Kumar proposed the vote of thanks.

The inaugural ceremony was compered by Singh Banshal Anil Kumar, student of M.Sc. Physics Semester IV.

2. Demonstrative Interaction on "Physics Around Us"

After the inaugural ceremony, the first event of the day began with the Demonstrative Interaction on "*Physics Around Us*" by Prof. Aditya Kelkar and Dr. Adhip Agarwala of the Department of Physics, IIT Kanpur. The erudite Professors delineated the connection between low cost basic physics demonstrations to high end advances in research areas. Through engaging demonstrations and interactive discussions, they revealed fascinating ways in which physics shapes our world. With their experiments, they illustrated some basic physics concepts of electromagnetism and conveyed the message to the audience that the thrill of learning physics is when textbook physics meets practical applications around us.

The Professors showed mother coil, a device with winding of insulating copper wire over a long stem of ferromagnetic core connected to dimmer state and by using it, performed various experiments showing magnetic levitation and the principle behind it. They also demonstrated the effect on resistance of metal plates under different conditions which includes cooling the plates in liquid nitrogen. A wonderful working prototype of Van de Graaff generator built up the environment of enthusiasm among our students. This event was broadcast live on our youtube channel DEPARTMENT OF PHYSICS CCC <https://www.youtube.com/live/e6lamxhu538?si=Ox4Rabd2kEM7vfiT>

3. Showcase Experiments:

Attendees had the opportunity to witness showcase experiments performed by students which include:

- Vibrations of Beaded String showing prototype of Monoatomic lattice vibrations by Sheikh Jainab Fatima, Fiza Khan (M.Sc. Sem. IV), Pratibha Patel and Deepika Savita (M.Sc. II)
- Modified Melde's Exp. by Khusi Yadav and Amaan Ahmad (B.Sc. Sem II)
- Diameter of Circular aperture using Semiconductor Laser by Sonu, Sovik Kr. Gautam (B.Sc. Sem. IV) and Sumit Ranjan Tiwari (B.Sc.Sem.VI)
- Wavelength of He-Ne laser using steel scale as Diffraction grating by Swati (B.Sc. Sem. IV), Umar Masih and Rachit Kr. Dwivedi (B.Sc. Sem. VI)
- Fiber Optics by Sibgha and Shikhar Shukla (B.Sc. Sem IV)
- Basic Programming and Stepper motor control using 8085 microprocessor by Pooja Paul (M.Sc. Sem. IV)
- Michelson Interferometer using Virtual Lab simulation by Singh Banshal Anil Kumar and Chhavi Bajpai (M.Sc. Sem.IV)

These experiments elucidated scientific principles in a visually engaging manner, enhancing understanding and appreciation for physics.

4. Competitive Events:

- *Oral Presentation:* Students presented oral PPTs on diverse topics ranging from recent advancements in quantum physics to applications of classical mechanics in everyday life. They shared their innovative ideas and passion for science through dynamic presentations. The presentations were insightful, offering both theoretical knowledge and practical applications.
- *Poster Presentation:* Participants displayed posters on topics covering a wide array of physics domains, from astrophysics to condensed matter physics, providing attendees with a comprehensive overview of current research trends.
Sovik Kumar Gautam (B.Sc. Sem. IV) got the first prize and Tanya Singh (B.Sc. Sem. IV) got the second prize in this competition.
- *Painting and Sketching:* A creative aspect of the celebration was a sketching competition where participants depicted their unique perspective on scientific concepts and discoveries through artistry and imagination. This activity fostered creativity and allowed participants to explore the aesthetic dimensions of physics. The winners of the competition were Pooja Paul (M.Sc. Sem. IV) who got the first prize and Himanshu Singh got the second prize.
- *Quiz:* The day concluded with an engaging physics quiz, testing participants' knowledge across various branches of physics. The quiz fostered friendly competition and encouraged participants to delve deeper into the subject matter. After two stages of qualification, 16 students were shortlisted for the finale which comprised 4 teams:

Team A (Aryabhata)

- 1) Prince Kushwaha B.Sc. 3rd year Sem. VI
- 2) Deepa sinha B.Sc. 1st year Sem. II
- 3) Shruti Yadav B.Sc. 1st year Sem. II
- 4) Shaloo Trivedi B.Sc. 1st year Sem. II

Team B (Bhaskara)

- 1) Pranshi Singh B.Sc. 3rd year Sem. VI
- 2) Md. Talib Khan B.Sc. 2nd year Sem. IV
- 3) Prakhar Gupta B.Sc. 1st year Sem. II
- 4) Syed Ali Jafar B.Sc. 1st year Sem. II

Team C (Chandrayaan)

- 1) Sundram Mishra B.Sc. 3rd year Sem. VI
- 2) Ashutosh Tiwari B.Sc. 3rd year Sem. VI
- 3) Vishal B.Sc. 1st year Sem. II
- 4) Sunil Verma B.Sc. 1st year Sem. II

Team D (Rohini)

- 1) Manas Nigam B.Sc. 3rd year Sem. VI
- 2) Vijay Narayan M.Sc. 2nd year Sem. IV
- 3) Shiva Savita B.Sc. 1st year Sem. II
- 4) Lakshya Sharma B.Sc. 1st year Sem. II

Team B was the winner of quiz competition. Students of B.Sc. Sem. IV, Sadaf Khan and Mohd. Muneer Adil Siddiqui were the quiz masters for the event.

All the competitive events were judged by a panel of experts, Professor P. S. Dobal, VSSD College, Kanpur and Professor Sunil Singh Bhadouria, Brahmanand PG College Kanpur.

Program Outcome:

The celebration of National Science Day by the Physics Society ~~pragyan~~ was a resounding success, showcasing the enthusiasm and dedication of students and faculty members towards the field of physics. The diverse array of events provided a platform for learning, creativity and intellectual exchange, reinforcing the significance of science in society. As we commemorate the contributions of pioneers like Sir C.V. Raman, we are reminded of the ongoing quest for knowledge and the transformative power of scientific inquiry.



Dr. Satya Prakash Singh
Professor & In-Charge
Department of Physics
Christ Church College, Kanpur

FLYER



Christ Church College, Kanpur

pragyan (Physics Society)
Organizes

NATIONAL SCIENCE DAY
28TH FEBRUARY 2024

VENUE
DR. SARVEPALLI RADHAKRISHNAN AUDITORIUM
TIME: 10:00 AM ONWARDS

INTERACTIVE SESSION
THEME : PHYSICS AROUND US

RESOURCE PERSONS

- Prof. Aditya Kelkar, IIT Kanpur
- Dr. Adhip Agarwala, IIT Kanpur

EVENTS
Science Talk/Poster Presentation/ Painting/Quiz/Science Models

(Prof. Joseph Daniel)
Principal & Secretary

(Dr. Manish Kapoor)
Convener

(Prof. Satya P. Singh)
Incharge, Department of Physics

(Dr. Ashutosh Kumar)
Co-Convener

BANNER



Christ Church College, Kanpur

pragyan (Physics Society)
Organizes

NATIONAL SCIENCE DAY
28th FEBRUARY 2024

VENUE
Dr. Sarvepalli Radhakrishnan Auditorium

EVENTS
► SCIENCE TALK ► POSTER PRESENTATION ► PAINTING ► QUIZ ► SCIENCE MODEL

Prof. Joseph Daniel
Principal & Secretary

Prof. Satya P. Singh
Incharge
Department Of Physics

Dr. Manish Kapoor
Convener

Dr. Ashutosh Kumar
Co - Convener



CHRIST CHURCH COLLEGE, KANPUR



pragyan (Physics Society)
Department of Physics
Organizes

NATIONAL SCIENCE DAY

28 FEBRUARY 2024

VENUE

DR. SARVEPALLI RADHAKRISHNAN AUDITORIUM

PROGRAMME

REGISTRATION (09:30 – 10:00)

INAUGURATION (10:00 - 10:45)

- Lighting of the Lamp
- Welcome of Guests
- Welcome Address: Prof. Satya Prakash Singh
- Outline of the Program: Dr. Manish Kapoor
- Inaugural Address: Prof. Aditya Kelkar, IIT Kanpur
- Address by the Special Guest: Dr. Adhip Agarwala, IIT Kanpur
- Address by the Principal: Prof. Joseph Daniel
- Vote of Thanks: Dr. Ashutosh Kumar

INTERACTIVE DEMONSTRATION SESSION (10:45 - 12:00)

Theme: PHYSICS AROUND US

Resource Persons:

1. **Prof. Aditya Kelkar**, Department of Physics, IIT Kanpur
2. **Dr. Adhip Agarwala**, Department of Physics, IIT Kanpur

TEA BREAK

COMPETITIVE EVENTS

1. PPT Presentation
Venue: College Auditorium, Time: 12:15 Noon
2. Science quiz
Venue: College Auditorium, Time: 01:00 PM
3. Poster presentation
Venue: Room No. 15, Time: 02:00 PM
4. Painting & Sketch
Venue: Room No. 15, Time: 02:00 PM
5. Science Model Demonstration
Venue: Laser & Optics Lab., Time: 02:00 PM

VALEDICTORY SESSION (03:00 PM)

INAUGURATION CEREMONY







DEMONSTRATIVE INTERACTION ON "PHYSICS AROUND US"





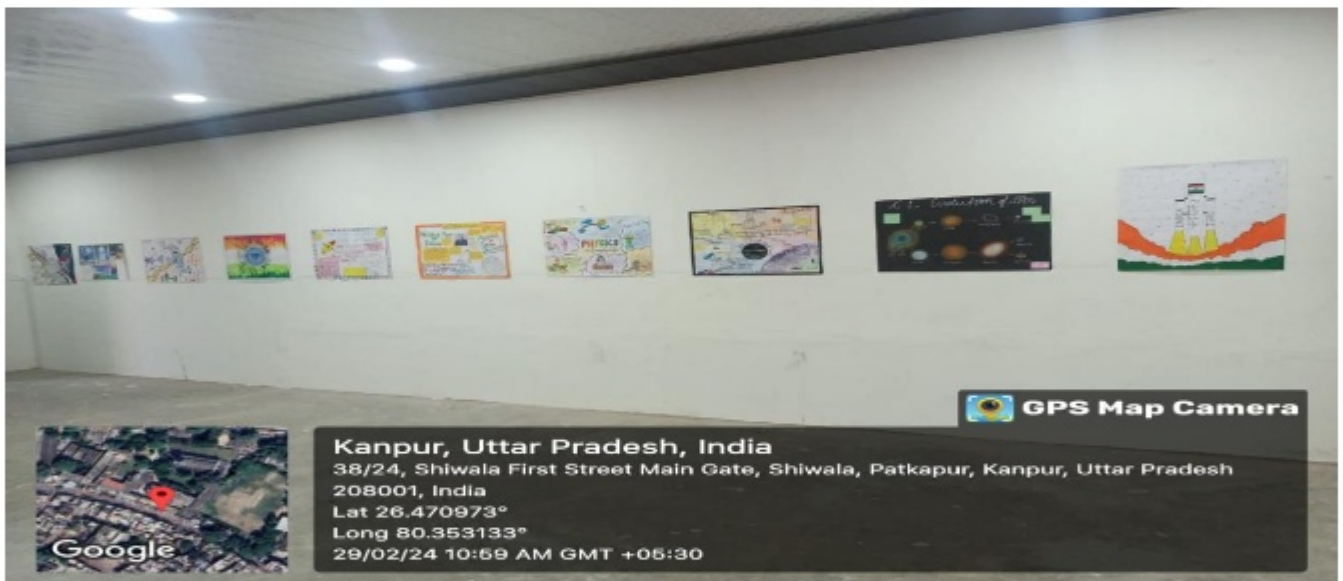
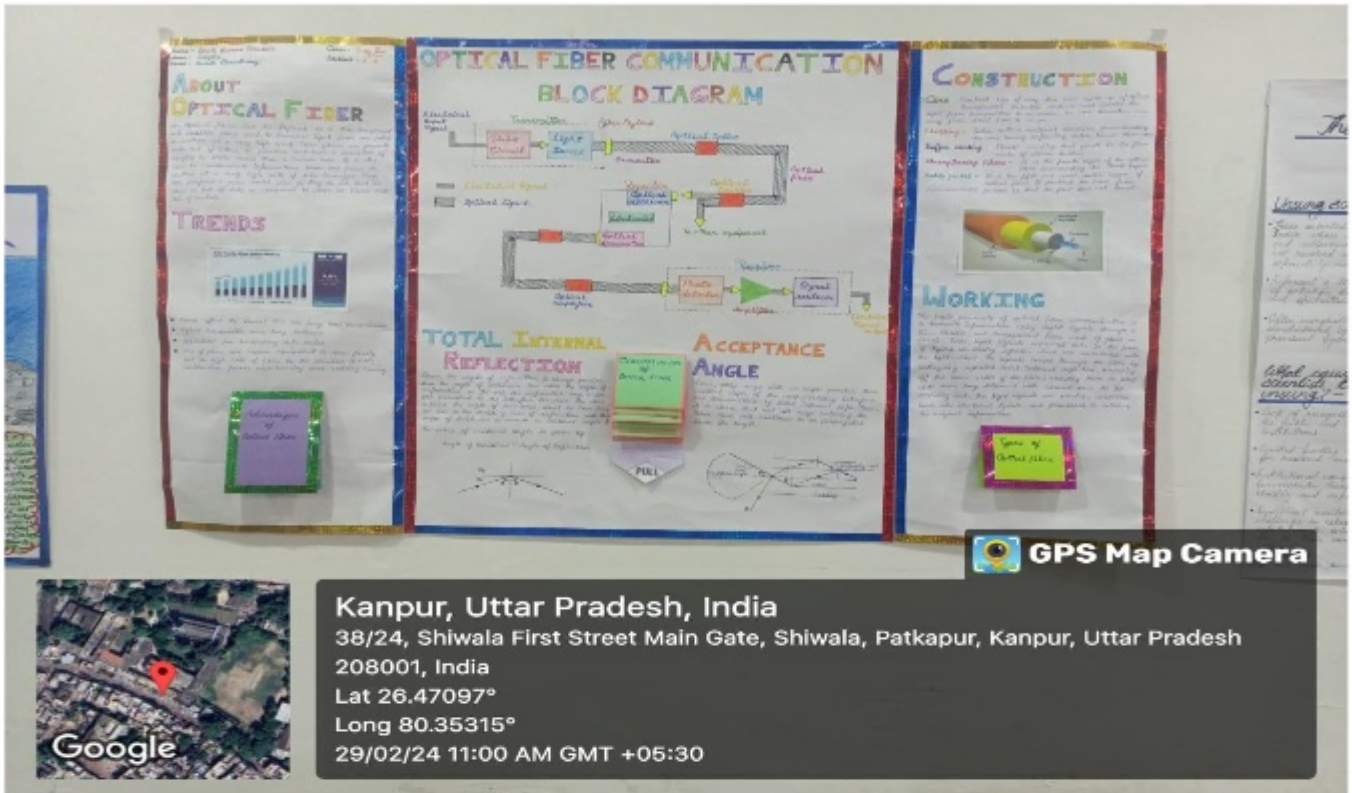








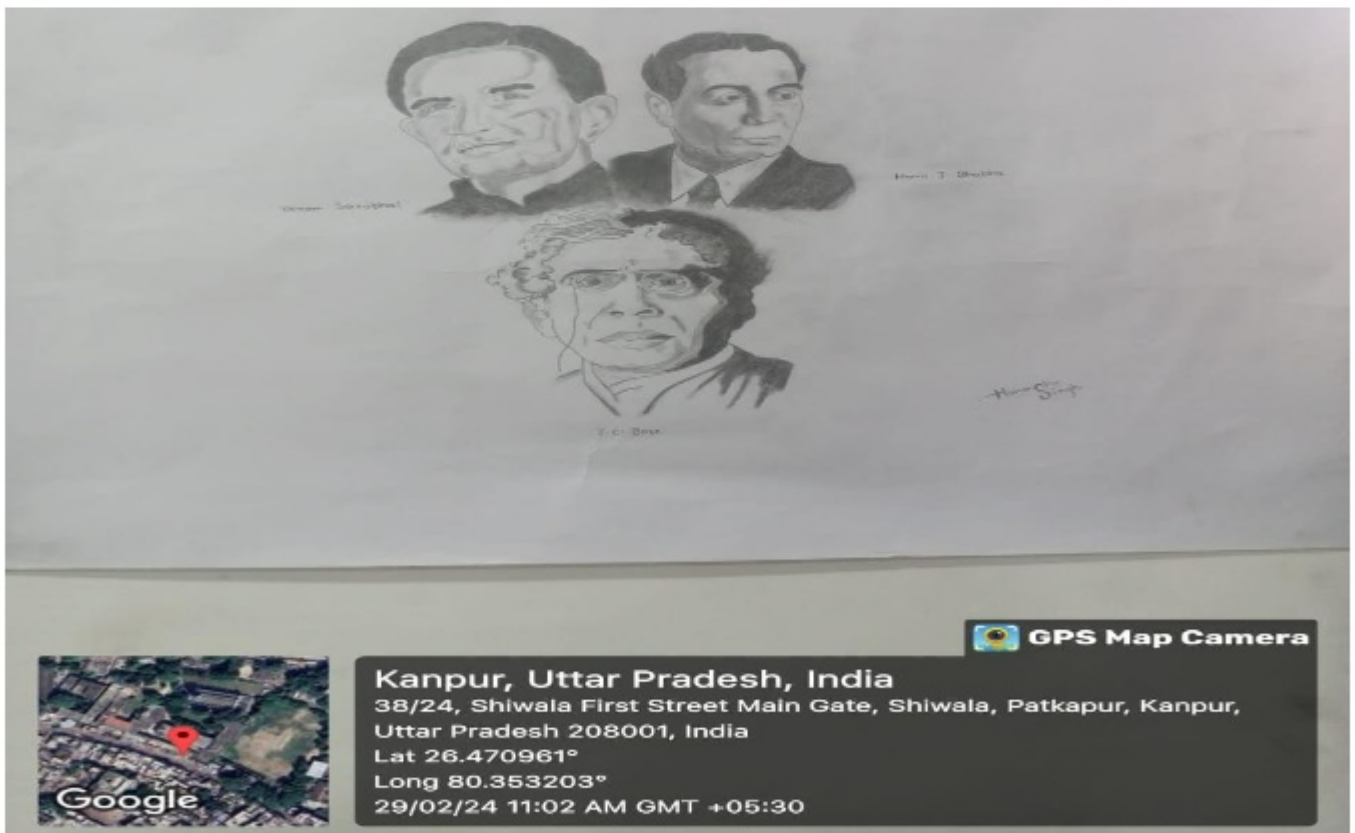
POSTERS







PAINTING AND SKETCHING



ORAL PRESENTATION



QUIZ



SHOWCASE EXPERIMENTS



VALEDICTORY SESSION & PRIZE DISTRIBUTION









SAMPLE CERTIFICATES

	Christ Church College, Kanpur	
NATIONAL SCIENCE DAY		
<i>Certificate of Participation</i>		
<p><i>This is to certify that..... of class semester..... participated in the National Science Day program organised by प्रसंग (Physics Society), Department of Physics on 28th February 20..... .</i></p> <p><i>His/her performance/contribution in the competition events/organizing team was commendable.</i></p>		
Prof. Joseph Daniel Principal & Secretary	Prof. Satya P. Singh Incharge Department Of Physics	Dr. Manish Kapoor Convener
		Dr. Ashutosh Kumar Co - Convener

	Christ Church College, Kanpur	
NATIONAL SCIENCE DAY		
<i>Award Certificate</i>		
<p><i>This certificate is being awarded to of class semester for securing the prize in the competition.</i></p> <p><i>This competition was organized by प्रसंग (Physics Society), Department of Physics on the National Science Day on 28th February 20..... .</i></p>		
Prof. Joseph Daniel Principal & Secretary	Prof. Satya P. Singh Incharge Department Of Physics	Dr. Manish Kapoor Convener
		Dr. Ashutosh Kumar Co - Convener



Christ Church College, Kanpur

DEPARTMENT: PHYSICS

PROGRAMME: NATIONAL SCIENCE DAY

VENUE: SARVEPALLI RADHAKRISHNAN AUDITORIUM, DST
(FIST) SPONSORED LASER LAB, DST (FIST) SPONSORED
LIBRARY & R.NO-15

DATE : 28/02/2024

ATTENDANCE

S.No.	Name	Student/ Research Scholar/ Faculty	Class/ Designation	Signature
1	Dr Navin K. Ambasht	Faculty	Professor	NK Ambasht
2	Dr. Sanjay Saksena	Faculty	Asso. Prof.	S. Saksena
3	Dr. Arvind Singh	Faculty	Prof.	Arvind
4	Dr. Santosh Kumar	"	"	Sin
5	Dr. R. P. Mishra	"	Asst. Prof.	R. P. Mishra
6	Dr. Ashish Omar	"	"	Ashish
7	Dr. N.H. Chan	"	"	N.H. Chan
8	Mr. Joshua Jaydeep Lawrence	Guest Faculty	Faculty	Lawrence
9	Dr. Niranjan Swarup	Faculty	Asso. Professor	Niranjan
10	Dr. Sujata Chaturvedi	Faculty	Professor	Sujata
11	Dr. D. C. Srivastava	Faculty	Professor	D. C. Srivastava
12	Dr. Ashutosh Saxena	Faculty	Professor	Ashutosh
13	Dr. Hrit Komal	Faculty	Professor	Hrit Komal
14	Sophia Shabas	Faculty (Histry)	Assoc. Prof.	Sophia

Dr. Satya Prakash Singh
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Christ Church College, Kanpur


INCHARGE

S.No.	Name	Student/ Research Scholar/ Faculty	Class/ Designation	Signature
1	Prof Shipra Tiwari	Faculty	Prof	Shipra
2	Dr. Shweta Chand	Faculty	Professor	Shweta
3	Dr. Parul Gupta	Faculty	Librarian	Parul
4	Ms. Shubhi Tiwari	Faculty	Asst. Prof.	Shubhi
5	Mrs. Meekha Samson	Faculty	Assoc. Prof.	Meekha
6	Dr. Priya Dixit	GL	GL	Priya
7	Dr. Himanshu Singh	Faculty	Asst. Prof.	Himanshu
8	Dr. Shweta Mishra	Faculty	Asst. Prof.	Shweta
9	Dr. Anjali Srivastava	Faculty	Professor	Anjali Srivastava
10	Dr. Sabina R. Bodra	Faculty	Professor	Sabrina
11	Dr. Ankita Jasmin Lall	Faculty	Assistant Prof.	Ankita
12	Mr. Josiah Clement Sibus	Faculty	Guest Faculty	Josiah
13	Dr. Zohra Khan	Faculty	Professor	Zohra
14	Dr. Jyotsna Lal	Faculty	Professor	Jyotsna
15	Xinay Sebastian	Faculty	Assoc. Prof.	Xinay
16	Dr. R. K. Janga	Faculty	Asso. Prof.	R. K. Janga
17	Dr. Archana Verma	Faculty	G. L.	Archana
18	Dr. Pankaj K. Mishra	GL	GL	Pankaj
19	DR MANISH KAPOOR	FACULTY	Asso Prof	Manish
20	Dr. Ashutosh Kumar	Faculty	Asst. Prof.	Ashutosh
21	Prof. Satya Prakash Singh	Faculty	Professor	Satya
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Dr. Satya Prakash Singh
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Christ Church College, Kanpur


INCHARGE

B.Sc. I SEM. II

S.No.	Name	Student/ Research Scholar/ Faculty	Class/ Designation	Signature
1	Sunil Verma	Student	B.Sc. Sem. II	Sunil
2	Shiva Savita	Student	B.Sc. Sem II	Shiva Savita
3	Vishal	Student	B.Sc. Sem II	Vishal
4	Syed Ali Jafar	Student	B.Sc. Sem II	Syed Ali Jafar
5	Tanya Singh	Student	B.Sc. Sem II	Tanya Singh
6	Vipin Singh	Student	B.Sc. Sem II	Vipin Singh
7	Palak Singh	Student	B.Sc. Sem II	Palak
8	Sakshi Singh	Student	B.Sc. Sem II	Sakshi Singh
9	Laxmi Gautam	Student	B.Sc. Sem II	Laxmi Gautam
10	Mansi Gaud	Student	B.Sc. Sem II	Mansi Gaud
11	Khushi Yadav	Student	B.Sc. Sem II	Khushi Yadav
12	Jai Pandey	Student	B.Sc. Sem II	Jai Pandey
13	Ayush Vishwakarma	Student	B.Sc. Sem II	Ayush D.
14	John Kumar Gautam	Student	B.Sc. Sem II	John Kumar
15	Amyan Diamond	Student	B.Sc. Sem II	Amyan Diamond
16	Arijun Dev Shukla	Student	B.Sc. Sem II	Arijun
17	Gravima	Student	B.Sc. Sem II	Gravima
18	Atoofa Malik	Student	B.Sc. Sem II	Atoofa Malik
19	Husna	Student	B.Sc. Sem II	Husna
20				
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(19) Students

Dr. Satya Prakash Singh
Professor & In-Charge
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INCHARGE

B.Sc. II SEM. IV

S.No.	Name	Student/ Research Scholar/ Faculty	Class/ Designation	Signature
1	Mohd Talib Khan	Student	B.Sc. Sem. IV	<i>T Khan</i>
2	Mohd. Muneer Adil Siddiqui	Student	B.Sc. Sem. IV	<i>M Siddiqui</i>
3	Sadaf Khan	Student	B.Sc. Sem IV	<i>S Khan</i>
4	Utkarsh Singh	Student	B.Sc. Sem IV	<i>Utkarsh</i>
5	Yash Singh	Student	B.Sc. Sem IV	<i>Yash Singh</i>
6	Tanya Singh	Student	B.Sc. Sem IV	<i>Tanya Singh</i>
7	Shweta	Student	B.Sc. Sem IV	<i>Shweta</i>
8	Tanisha Anand	Student	B.Sc. Sem IV	<i>Tanisha</i>
9	Sowik Kumar Brautem	Student	B.Sc. Sem IV	<i>Sowik Kumar</i>
10	Sumit Kumar Brautem	Student	B.Sc. Sem IV	<i>Sumit Kumar</i>
11	Swati Chaudhary	Student	B.Sc. Sem IV	<i>Swati</i>
12	Isneha Kashyap	Student	B.Sc. Sem IV	<i>Isneha</i>
13	Sarita Kumari	Student	B.Sc. Sem IV	<i>Sarita</i>
14	Sharabh Shukla	Student	B.Sc. Sem IV	<i>Sharabh</i>
15	Sakshi Gupta	Student	B.Sc. Sem IV	<i>Sakshi</i>
16	Pratima Nishad	Student	B.Sc. Sem IV	<i>Pratima</i>
17	Prachi Gupta	Student	B.Sc. Sem IV	<i>Prachi</i>
18	Shubham	Student	B.Sc. Sem IV	<i>Shubham</i>
19	Ziya-fatima	Student	B.Sc. Sem IV	<i>Ziya-fatima</i>
20	Sibgha	Student	B.Sc. Sem IV	<i>Sibgha</i>
21	Rohma Ahsan	Student	B.Sc. Sem IV	<i>Rohma Ahsan</i>
22	Lexmi Patel	Student	B.Sc. Sem IV	<i>Lexmi Patel</i>
23	Talbiya Tabassum	Student	B.Sc. Sem IV	<i>Talbiya</i>

[Signature]
INCHARGE

B.Sc. II SEM. IV

S.No.	Name	Student/ Research Scholar/ Faculty	Class/ Designation	Signature
1	Tasmiya Shamshad	Student	B.Sc. IV sem	Tasmiya...
2	Sapna Kunojiya	Student	B.Sc. IV sem	Sapna Kunojiya
3	Shweta Pal	Student	B.Sc. IV sem	Shweta Pal.
4	Sameer Khan	Student	B.Sc. IV sem	Sameer Khan.
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(23) + (04) = (27) Students

Dr. Satya Prakash Singh
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Department of Physics
Christ Church College, Kanpur


INCHARGE

B.Sc. III SEM. VI

S.No.	Name	Student/ Research Scholar/ Faculty	Class/ Designation	Signature
1	Khushi Jadaun	Student	B.Sc. VI-Sem	Khushi
2	Abhishek kesharwami	Student	B.Sc. VI th sem	Abhishek
3	Akshada Tripathi	Student	B.Sc. VI th Sem	Akshada
4	Aashini Agarwal	Student	B.Sc. VI th Sem	Aashini
5	Ayush Singh Gaur	Student	B.Sc. VI Sem	Ayush
6	Hareha	student	B.Sc. VI sem	Hareha
7	Rishabh Raj	student	B.Sc. VI sem	Rishabh Raj
8	Manas Nigam	Student	B.Sc. VI sem	Manas Nigam
9	Sumit Ranjan Tiwari	Student	B.Sc. VI sem	Sumit R.T.
10	Himanshu Singh	Student	B.Sc. VI Sem	Himanshu Singh
11	Rishabh Bharti	Student	B.Sc. VI-Sem	Rishabh Bharti
12	Shraddha Gupta	Student	B.Sc. VI-Sem	Shraddha
13	Vasupriya Srivastava	Student	B.Sc. VI Sem	Vasupriya
14	Vartika Shukla	Student	B.Sc. VI Sem	Vartika
15	Shalini Singh	Student	B.Sc. VI Sem	shalini
16	Mohammad Noor Adil Siddiqui	Student	B.Sc. VI th sem	Mohammad Noor Adil Siddiqui
17	Rishabh Bharti	Student	B.Sc. VI th Sem	Rishabh Bharti
18	Rachit Kumar Dwivedi	Student	B.Sc. VI sem	Rachit
19	Ashutosh Tiwari	Student	B.Sc. VI th sem	Ashutosh
20	Shivansh Yadav	Student	B.Sc. VI th sem	Shivansh
21	Prince Kulkarni	Student	B.Sc. VI th sem	Prince Kulkarni
22	Konika Bhadauriya	Student	B.Sc. VI th sem	Konika
23	Priyanshi Singh	Student	B.Sc. VI th sem	Priyanshi

BS-18
INCHARGE

S.No.	Name	Student/ Research Scholar/ Faculty	Class/ Designation	Signature
1	Devansh Tripathi	Student	B.Sc VI th Sem	Devansh Tripathi
2	Priyanshu Verma	Student	B.Sc VI th Sem	Priyanshu Verma
3	Ashutosh Tiwari	Student	B.Sc VI th Sem	Ashutosh Tiwari
4	Riddhima Kashyap	Student	B.Sc VI th Sem	Riddhima Kashyap
5	Siddhartha Kumar	Student	B.Sc VI th Sem	Siddhartha Kumar
6	Saksham Yadav	Student	B.Sc VI th Sem	Saksham Yadav
7	Satyam Verma	Student	B.Sc VI Sem	Satyam Verma
8	Sonu	Student	B.Sc VI Sem	Sonu
9	Sumit Kumar	Student	B.Sc VI Sem	Sumit Kumar
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23+9=32 students

Dr. Satya Prakash Singh
Professor & In-Charge
Department of Physics
Christ Church College, Kanpur


INCHARGE

M.Sc(P) SEM. II & M.Sc.(F) SEM. IV

S.No.	Name	Student/ Research Scholar/ Faculty	Class/ Designation	Signature
1	Karan Sahu	Student	M.Sc. Ist Sem	Karan
2	Vijay Narayan	Student	M.Sc. Final	Vijay
3	Pooja Paul	Student	M.Sc. Final	Pooja
4	Singh Banshal Anilkumar	Student	M.Sc. Final	Banshal
5	Chhavi Bappai	Student	M.Sc. Final	Chhavi
6	Shikh Zainab Fatma	Student	M.Sc. Final	Zainab
7	Fiza Khan	Student	M.Sc. Final	Fiza Khan
8	Pratibha Patel	Student	M.Sc. Previous (1st Sem)	Patel
9	Deepika Savita	Student	M.Sc. Second Sem	Deepika
10	Himanshu	Student	M.Sc. Previous	Himanshu
11	Akanksha Singh	Student	M.Sc. Final	Akanksha
12	Dhinendra Pratap Singh	Student	M.Sc. Final	Dhinendra
13	Shweta	Student	M.Sc. Final	Shweta
14	Riya Singh	Student	M.Sc. Final	Riya Singh
15	Anil Kumar Tripathi	Student	M.Sc. Final	Anil Kumar Tripathi
16	Vaibhav Tripathi	Student	M.Sc. Final	Vaibhav
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(16) Students

Dr. Satya Prakash Singh
Professor & In-Charge
Department of Physics
Christ Church College, Kanpur

PS
INCHARGE