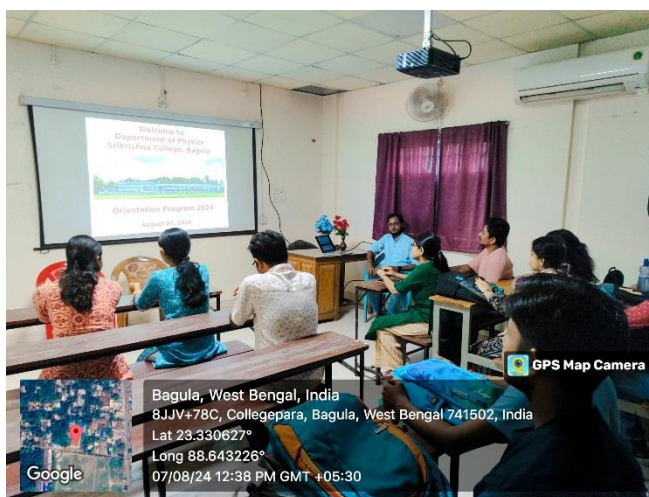


Report of Departmental Activity 2024-2025

Department of Physics, Srikrishna College, Bagula

Report on Orientation Programme for 1st Semester Students on 07.08.2024

The department of Physics organized an orientation programme for the newly admitted B. Sc. Major students at the department on 07.08.2024. The major objective of the programme was to make the students aware of the academic aspects of the course, the rules and regulations of the College. The faculty members of this department gave them the idea about the new NEP 2020 course, examination structure, internal assessment procedure, and rules and regulations of practical classes. Around 15 newly admitted major students participated in this programme.



Report on 6th Semester Student Presentations for Dissertation Paper on 13.08.2024

The Department of Physics successfully conducted the 6th Semester Student Presentations for the Dissertation Paper as part of the final semester project work for B.Sc. Physics (Honours) students. The presentation session was held on 13.08.2024, with active participation from faculty members and students. A total of 12 students from the 6th semester presented the outcomes of their dissertation projects. Each student delivered a structured presentation summarizing the objectives, methodology, results, and conclusions of their respective research work. The projects covered a wide range of topics, including experimental investigations, theoretical studies, data analysis, and simulations related to various domains in physics. The dissertation projects were individually guided by departmental teachers, who provided regular mentorship and support throughout the research process. During the session, the guiding teachers and other faculty members offered constructive feedback, appreciated the efforts of the students, and encouraged further refinement of their research understanding and presentation skills. The presentations were evaluated based on scientific content, clarity of communication, research methodology, and the students' ability to respond to questions. Apart from that, another important aspect of this activity was the use of ICT tools. Students prepared and delivered their presentations using digital platforms such as PowerPoint and data visualization tools. This not only enhanced the quality of their presentations but also significantly developed their ICT-based skills, which are essential for modern scientific communication and academic research.

The overall performance was commendable, reflecting the hard work and academic growth of the students during their undergraduate studies.



Report on Fresher's Welcome & Farewell Program on 13.08.2024

Department of Physics organized Fresher's Welcome for 1st Sem students and Farewell Programme for 6th Sem students on 13.08.2024. The purpose of the Program was to welcome new students in a friendly atmosphere and to say goodbye to departing sixth semester students. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college. The 3rd Sem students of 2024-2025 had taken that responsibility. The program inaugurated by Dr. Sukdeb Ghosh (Principal), Dr. Anamika Chakraborty (IQAC Coordinator), Dr. Bipul Mondal (Assistant Professor, Department of Bengali). After inaugural speech by our honoured guests, the Freshers were welcomed with flowers and small gifts. The outgoing students shared their experiences, reflecting on their academic challenges, achievements, and memorable moments within the department. The students arranged many activities for freshers and outgoing students which include cultural events where everyone got chance to showcase their talent. Refreshments were served in between the program. Around 25 students participated in this programme. The support from Principal, all the Faculty members and non-teaching staff made the programme successful.



Report on Celebration of 1st National Space Day on 29.08.2024

On the occasion of the 1st National Space Day, the Department of Physics organized a one-day seminar on 29.08.2024 to commemorate India's historic achievement in space exploration—the successful landing of Chandrayaan-3 near the Moon's south pole. The event aimed to spread awareness among students about India's growing capabilities in space science and to inspire young minds toward careers in astronomy and space research. The program was inaugurated by watering a plant. The seminar featured two distinguished speakers. Dr. Tamal Basak, Assistant Professor, Indian Centre for Space Physics, delivered an insightful talk on “Chandrayaan-3: India's Lunar Leap.” He explained the mission's objectives, technical challenges, and its significance in placing India among the top space-faring nations. Dr. Dusmanta Patra, Postdoctoral Fellow, S. N. Bose National Centre for Basic Sciences, presented a fascinating lecture on “Listening to the Universe with Radio Astronomy.” He discussed how radio telescopes help scientists explore distant cosmic phenomena like pulsars, quasars, and black holes. The seminar was followed by a student quiz competition, organized by Dr. Sujay Pal, based on topics related to space science, astronomy, and Indian space missions. The enthusiastic participation of students reflected their keen interest. Prizes were awarded to the top three performers to encourage academic curiosity and engagement. The program concluded with a vote of thanks from the Dr. Sujay Pal, Head of the Department. Around 23 students and 22 faculty members participated in this programme. The celebration not only honoured India's scientific milestones but also ignited a passion for space research among students.





Registration List
National Space Day Celebration
Department of Physics,
Srikrishna College.
Date: 29.08.2024.

SL. NO.	Faculty Name	Department	Signature
1.	RAKESH SEN	Physics	Sen 29/8/24
2.	Ankita Das	Physics	Das 29/08/24
3.	Piyasi Shit	Physics	Shit 29/08/24
4.	Sniparna Paul	Physics	Paul 29/08/24
5.	Sujay Paul	"	Paul 29/08/24
6.	JK Boru	"	JK Boru 29/08/24
7.	Rusmanta Bhat	"	Bhat 29/08/24
8.	Tamal Basak	ICSP	Basak 29/08/24
9.	Dr. Sajinid Islam	Commerce	Islam 29/08/24
10.	Parevanta Majra	Chemistry	Majra 29/08/2024
11.	Oindrila Ray	Library	Ray 29/08/2024
12.	Ananya Paul	Commerce	Paul 29/08/2024
13.	Ankita Indra	Physics	Indra 29/08/2024
14.	Mihir Halder	Commerce	Halder 29/08/24
15.	Pranab Das	Mathematics	Das 29/8/24
16.	Arindam Saha	Chemistry	Saha 29/8/24
17.	Dr. Rajib Sircar	Sanskrit	Sircar 29/08/24
20.	BISWANATH GUPTA	COMMERCE	GUPTA 29/08/24
21.	JAHANGIR HOSSAIN	ECONOMICS	Hossain 29.08.24
22.	BINOY BISWAS	POL. SC.	Biswas 29.08.24

Registration List
National Space Day Celebration
Department of Physics,
Srikrishna College,
Date: 29.08.2024

Sl. No.	Student Name	Semester	Department	Hons./Major/Prog.
01	Tania Adhikari	1st Sem	Bengali	Bengali (m)
02	Swarnali Bala	1st Sem	English	English (m)
03	Pratiksha Biswas	2nd sem	Bengali	Bengali (m)
04	Tanisha Biswas	2nd sem	Bengali	Bengali (m)
05	Pratiksha Adhikari	2nd sem	Philosophy	(M)
06	Prodyut Biswas	1st Sem	physics	(M)
7.	Joy Ray	4th Sem	Physics	(M)
8.	Tanay Biswas	2nd Sem	Bengali	(M)
9.	Sayan Sarkar	2nd sem	Bengali	(M)
10.	Tanmay Sarkar	1st Sem	physics	(M)
11.	Bony Biswas	1st Sem	Bengali	(M)
12.	Kabita Chakraborty	1st Sem	Bengali	(M)
13.	Pima Sarkar	1st sem	Bengali	(m)
14.	Soumi Chakraborty	1st Sem	Bengali	(m)
15.	Nipa Biswas	2nd Sem	Bengali	(m)
16.	Sourav Kundu	6th sem	Physics (hons.)	
17.	Gourab Biswas	1st sem	Chemistry	(M)
18.	Samrat Sarkar	2nd sem	English	(M)
19.	Shawon Sarkar	2nd sem	physics	(M)

Student's
Name

Semester

Department

Hons./Major/
Prog.

Shayan Mondal

2nd Sem

Physics

physics(m)

1.

Pritam Biswas

2nd Sem

physics

physics (m)

22

Sourabh Saha

2nd sem

physics

physics (m)

23.

Rajesh Karmakar

1st Sem

physics

physics (m)



Department of Physics, Srikrishna College, Bagula
celebrating



1st National Space Day

Touching Lives while Touching the Moon : India's Space Saga

Date: 29.08.2024 | Time: 11.00 a.m.
Venue: ICT Classroom (FV-IV, 2nd Floor)

|| Program Schedule ||

- 11.00 am: Inaugural Program
- 11.30 am: **“Chandrayaan 3: India's Lunar Leap”**

Dr. Tamal Basak, Assistant Professor, Indian Centre for Space Physics

- 12.30 pm: **“Listening to the universe with radio astronomy”**

Dr. Dusmanta Patra, Post Doctoral Fellow, S N Bose Centre for Basic Sciences

- 01.30 pm: Student Quiz
- 02.00 pm: Vote of Thanks

Report on Teacher's Day Celebration by Student Alumni on 05.09.2024

The Celebration of Teacher's Day on 5th September 2024 to honour the invaluable contributions of teachers in shaping the academic and personal growth of students was organized by the Student Alumni of the department as a heartfelt tribute to their mentors and guides. The event began with an offering of gratitude to Dr. Sarvepalli Radhakrishnan, whose birth anniversary is observed as Teachers' Day. The alumni members and the current students expressed their gratitude through personal anecdotes, reflecting on how the department's faculty had impacted their careers and lives. Several cultural performances, including songs, poetry recitations, were presented by both alumni and current students. As a token of appreciation, a Saraswati Idol was presented to all faculty members. The teachers, in turn, expressed their joy and pride in witnessing the success and continued affection of their former students.



Report on the Participation of Physics Department Students in the Platinum Jubilee Rally on 25.01.2025

On the occasion of the Platinum Jubilee Celebration of Srikrishna College, Bagula, the Department of Physics actively participated in the rally organized by the college. The event aimed to commemorate 75 glorious years of academic excellence and community engagement. A group of enthusiastic students from all three semesters from the Department of Physics took part in the rally with great zeal and creativity. To highlight the department's academic spirit and to contribute meaningfully to the event, the students designed and carried informative plaques showcasing significant discoveries and milestones in Physics. The department appreciates the sincere participation and creative input of the students, whose contribution added an academic dimension to the festive spirit of the rally. Their involvement served as a proud representation of the Physics Department during this historic celebration.



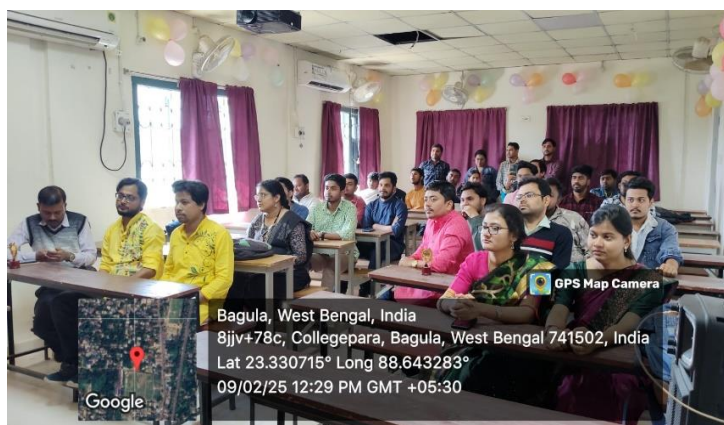
Report on 1st Departmental Reunion (Orbital-2025) on 09.02.2025

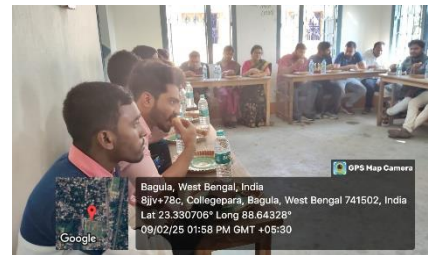
The Department of Physics organized its much-awaited 1st Departmental Reunion – Orbital 2025 on 09.02.2025, bringing together alumni, faculty, and current students for a day of celebration, reflection, and reconnection. The event was a vibrant occasion marked by warmth, nostalgia, and pride in the department's legacy and growth. The program was jointly organized by the current students and faculty members, with special coordination by our two faculty members, Mr. Rakesh Sen and Mrs. Spriparna Paul, who are themselves proud alumni of the department. Alumni from the pass-out batches of 2016-17 to 2023-24 attended the event in large numbers. The program was begun with a welcome address by Mr. Amitava Mondal, Secretary, Alumni Association, Srikrishna College and Dr. Sujay Paul, Asst Prof, Head of the Department, followed by a brief overview of recent academic and infrastructural developments in the department.

The highlight of the event included:

- Alumni sharing sessions, where former students reflected on their time in the department and shared their professional journeys.
- A cultural segment organized by current students, featuring music, dance, and dramatics that added a festive touch to the occasion.
- A videography showcasing memorable moments from past college memories of alumni.
- An interactive panel discussion involving the formation of "Physics Alumni Association".

The atmosphere was filled with joy, laughter, and the rekindling of friendships. A lunch was arranged for the participants of the event. The event concluded with a group photo session, distribution of mementos, and a vote of thanks expressing gratitude to all who made Orbital 2025 a memorable success.





Orbital 2025
First Reunion of Department of Physics
Srikrishna College, Bagula, Nadia

Date: 09/02/2025

Attendance Register

Sl No.	Full Name	Signature
1	PRANAB BISWAS	Pranab Biswas *
2	Antu Biswas	Antu Biswas *
3	Somen Das	Somen Das *
4	Kapil Biswas	Kapil deb Biswas. *
5	SUROJIT DAS	Surojit Das *
6	Pradyut Biswas. 1st	Pradyut Biswas. *
7	Ujjwal Mondal 1st	Ujjwal Mondal *
8	Rajesh Karmakar 1st	Rajesh Karmakar. *
9	Sourav Kundu	Sourav Kundu *
10	Sanjukta Saha	Sanjukta Saha. *
11	Saumen Das.	Saumen Das. *
12	Indrajeet Sikder	Indrajeet Sikder *
13	Tanmay Sarkar 1st	Tanmay Sarkar *
14	Abhishek Das.	Abhishek Das. 09/02/25 *
15	Rahul Chosh	Rahul Chosh 09/02/25 *
16	Moumita Saha	Moumita Saha 09/02/25 * (online)
17	Bittu Biswas	Bittu Biswas 09/02/25 *
18	Shibam Roy Chowdhury	Shibam Roy Chowdhury *
19	Atasi Ghosh	Atasi Ghosh 09/02/25 *
20	Banani Mondal	Banani Mondal 09/02/25 *
21	Ashis Kumar Biswas	Ashis Kumar Biswas 09/02/2025 *
22	Nabyendu Adhikary	Nabyendu Adhikary 09/02/25 *
23	Arup Sarkar	Arup Sarkar *
24	Sandipan Poddar	Sandipan Poddar *
25	Sagar Sharma	Sagar Sharma *
26	Sourav Ghosh	Sourav Ghosh *
27	Ankita Indra	Ankita Indra *
28	Rakesh Sen	Rakesh Sen *
29	Apurba Biswas	Apurba Biswas *

[illegible]



Department
of
Physics

Department of Physics Srikrishna College

Bagula, Nadia, WB 741502
(Affiliated to Kalyani University)

Date: 19/02/2025

Formation of Physics Alumni Association –Outcomes from 1st Reunion

Dear Esteemed Alumni,

I am pleased to share the outcomes of our discussion regarding the formation of the **Physics Alumni Association**, which took place during the **1st Reunion Program 'ORBITAL-2025' on 9th February**. The attendees engaged in a constructive dialogue and reached a consensus on establishing the association to foster connections among alumni and contribute to the academic and professional growth of our community.

As part of this initiative, the following key positions were proposed and discussed:

- **President:** Acting HOD of Physics Department (at present Dr. Sujay Pal)
- **Vice President:** Rahul Ghosh (6296680206), Nabyendu Adhikari
- **Secretary:** Antu Biswas (6294087562)
- **Assistant Secretary:** Indrajeet Sikder (8617807130), Rajendranath Roy (7584993048)
- **Treasurer:** Somen Das (6297440500), Ashis Biswas
- **Convenor:** Soumen Das (8172061906), Surojit Das (7557842812)
- **Advisory Member:** Sriparna Paul, Rakesh Sen, and All Faculty Members of Physics Department

The formation of this association will serve as a platform for alumni engagement, knowledge-sharing, and collaborative opportunities. We sincerely appreciate the enthusiastic participation of all attendees and look forward to working together to make this initiative a success. If you have any suggestions or would like to be involved further, please feel free to reach us.

Regards,

Dr. Sujay Pal
Assistant Professor
Department of Physics

19/02/2025
Head
Dept. of Physics
Srikrishna College
Bagula, Nadia.



DEPARTMENT OF PHYSICS SRIKRISHNA COLLEGE



Invites Ex-Faculties, Undergraduate, and Graduate Alumni for a Reunion

ORBITAL

SUNDAY

9 FEBRUARY
2025

PLEASE
JOIN US

**AS PART OF PLATINUM JUBILEE
CELEBRATION OF SRIKRISHNA COLLEGE**

"Let's go back in time, carve out
memories, reunite, relive those stories."

📍 Venue: Department of Physics



SERIES OF EVENTS



9 FEBRUARY 2025

Welcome Gathering

- Opening Ceremony
- Lighting the lamp and watering a tree
- Welcome address

10:30 AM

- Icebreaker Activities: Felicitation and Introductions of the alumni
- Cultural Program
- Group Photo

11:00 AM

-

01:00 PM

01:00-02:00
PM

LUNCH BREAK

- Celebrate togetherness and cherish unforgettable memories

02:00

-

03:00 PM

Fun Activities

03:00

-

04:00 PM

**Share your memories
with us!**



<https://shorturl.at/9wpYF>



Register

NOW

<https://forms.gle/qdpaDiXU5Q3sBzGW9>

Department of Physics
Srikrishna College, Bagula, Nadia

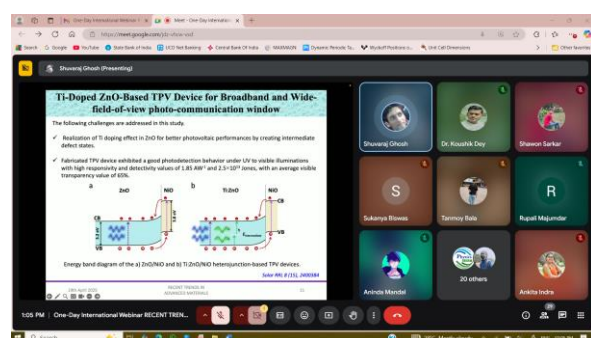
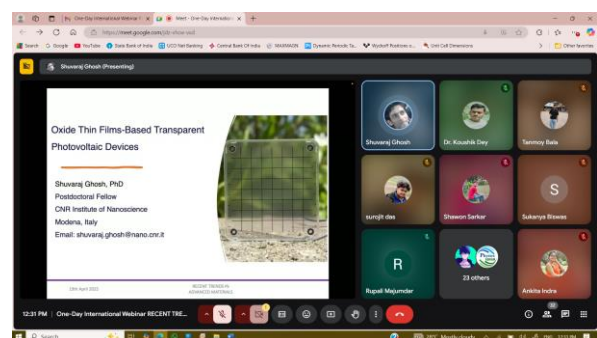
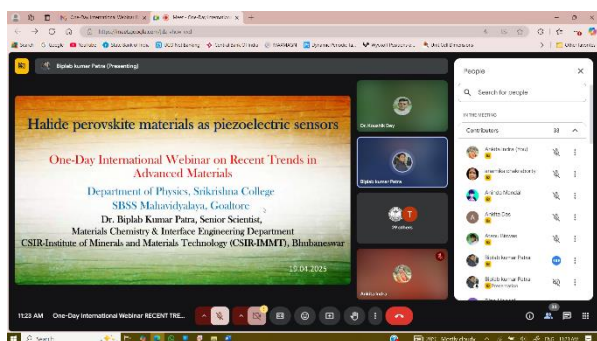


Report on One Day International Webinar on Recent Trends in Advanced Materials on 19.04.2025: An initiative under Signed MoU

The Department of Physics, Srikrishna College, Bagula, in collaboration with the Department of Physics, Santal Bidroha Sardha Satabarshiki Mahavidyalaya, Goaltore, successfully organized a one-day International Webinar on “Recent Trends in Advanced Materials” on Google Meet. This academic event was a significant initiative conducted under the framework of the Memorandum of Understanding (MoU) signed between the two institutions. The webinar was begun with a welcome address by Dr. Anamika Chakraborty (IQAC coordinator, Srikrishna College) and Dr. Amit Phadikar (Principal, S.B.S.S. Mahavidyalaya). The webinar featured insightful lectures by two distinguished speakers from the field of advanced materials research:

- Dr. Biplab Kumar Patra, Senior Scientist at CSIR-IMMT, Bhubaneswar, delivered an engaging presentation on “Halide Perovskite Materials as Piezoelectric Sensors”. His talk highlighted the recent advancements in halide perovskites, their multifunctional properties, and potential applications in sensing technologies.
- Dr. Shuvaraj Ghosh, Postdoctoral Fellow at the CNR Institute of Nanoscience, Modena, Italy, presented his research on “Oxide Thin Films-Based Transparent Photovoltaic Devices”. He elaborated on the fabrication techniques, material properties, and futuristic applications of oxide thin films in next-generation transparent energy harvesting devices.

The session witnessed active participation from faculty members and students of both collaborating institutions. The lectures sparked meaningful discussions and broadened the participants' understanding of emerging research areas in materials science. The webinar was convened by Dr. Ankita Indra (Srikrishna College) and Dr. Koushik Dey (S.B.S.S. Mahavidyalaya), who ensured smooth coordination and academic enrichment through this collaborative event. The joint initiative marks a promising step towards enhanced academic exchange and research cooperation between the two departments.



Registration List

Timestamp	Email Address	Name	WhatsApp No	Designation	Institute Name
4-2-2025 14.05.12	physics@sbssmahavid	Dr. Koushik Dey	9775579158	Assistant Professor	SBSS Mahavidyalaya
4-2-2025 20.43.33	btanmoy248@gmail.co	Tanmoy Biswas	8764285734	UG Student	Sri Krishna College Bagula
4-2-2025 20.50.21	paramita@srikrishnaco	Dr. Paramita Hajra	9830758022	Assistant Professor	Srikrishna College
4-2-2025 21.07.15	sourashis283@gmail.c	Sourashis Saha	8617822315	UG Student	Shrikrishna College
4-3-2025 2.11.33	anindamandalsolo@gr	Aninda Sundar Mandal	7584002684	UG Student	Srikrishna College, Bagula
4-5-2025 21.43.19	sayanjit08@gmail.com	Sayanjit Biswas	6289074911	Others	University of Kalyani
4-10-2025 21.23.28	soumyajitbhowmick603	Soumyajit bhowmick	9907144431	UG Student	Srikrishna college ,bagula
4-16-2025 13.03.42	bala31705@gmail.com	Tanmoy Bala	8695061777	UG Student	Srikrishna College
4-16-2025 13.06.08	pritambiswas89067@g	Pritam Biswas	7797972337	UG Student	Srikrishna college
4-16-2025 14.38.50	rertggff@gmail.com	Shawon Sarkar	7047069819	UG Student	Srikrishna college bagula
4-16-2025 19.09.21	bsubhajit2006@gmail.c	Subhajit Biswas	7810856850	UG Student	Srikrishna College, Bagula
4-18-2025 9.14.53	mondaldipa837@gmail	Dipa Mondal	8967917711	UG Student	Srikrishna College, Bagula
4-17-2025 8.50.54	tkb.tkbose@gmail.com	Dr. Tushar Kanti Bose	8420785157	Assistant Professor	Srikrishna College, Bagula
4-17-2025 12.20.40	ankitaindra@gmail.com	Dr. Ankita Indra	9851370374	Assistant Professor	Srikrishna College
4-17-2025 12.33.59	supratick.phsa@gmail.	Supratick Adhikary	8240721598	Others	Srikrishna College
4-17-2025 13.22.33	piyasi@srikrishnacolleg	PIYASI SHIT	9547846464	Others	SRIKRISHNA COLLEGE
4-17-2025 17.19.05	paprig2502@gmail.con	Koyel Ghosh	9382699238	UG Student	Srikrishna college,Bagula
4-17-2025 18.54.06	sujay@srikrishnacolleg	Sujay Pal	7003091919	Assistant Professor	Srikrishna College
4-18-2025 9.18.23	khusisneha629@gmail	Sneha Ghosh	7501009758	UG Student	Srikrishna College,Bagula, West Bengal
4-18-2025 9.39.49	sukdebbarai233@gmai	SUKDEB BARAI	7384387950	UG Student	Bagula shrikrishna college
4-18-2025 9.42.54	tanmay012sarkar@gm	Tanmay Sarkar	7865918210	UG Student	Bagula Srikrishna College
4-18-2025 9.44.17	mondalujjwal051@gm	Ujjwal mondal	8101042132	UG Student	Bagula shrikrishna college
4-18-2025 9.44.32	koyelpal9091@gmail.c	Koyel pal	9091660323	UG Student	Srikrishna college,bagula
4-18-2025 9.49.24	biswasprodyut177@gr	Prodyut Biswas	8016422260	UG Student	Sri Krishna College, Bagula
4-18-2025 9.54.19	rajeshkarmakar3945@	Rajesh karmakar	6296054391	UG Student	Bagula Shrikrishna college
4-18-2025 9.55.44	arpan2003biswas@gm	ARPAN BISWAS	9641527135	UG Student	SRIKRISHNA COLLEGE, BAGULA
4-18-2025 10.09.55	biswasrajasree1@gma	Rajasree Biswas	9832981223	UG Student	Srikrishna college
4-18-2025 10.30.06	btanmoy248@gmail.co	Tanmoy Biswas	8764285734	UG Student	Sri Krishna College Bagula
4-18-2025 10.35.04	rupalimajumdar91@gr	Rupali Majumdar	9719517808	UG Student	Srikrishna college, Bagula
4-18-2025 11.16.25	ankurgaming01@gmail	SUBHANKAR THAKUR	7001742996	UG Student	SRIKRISHNA COLLEGE
4-18-2025 13.38.10	ankitadas@srikrishnac	ANKITA DAS	9804071725	Others	Srikrishna College, Bagula

4-18-2025 20.32.52 biswasatanu904@gma	Atanu biswas	9883695084 UG Student	Srikrishna college
4-18-2025 20.33.25 swarnakarrajat9@gmai	Rajat Swarnakar	8389878760 UG Student	Srikrishna college Bagula
4-18-2025 21.45.56 rsen7267@gmail.com	RAKESH SEN	7384224235 Others	SRIKRISHNA COLLEGE
4-18-2025 21.50.55 dassurojit7575@gmail.	SUROJIT DAS	7557842812 Others	NONE
4-19-2025 0.31.08 sukanya28biswas@gm	Suchetana Biswas	8159998103 UG Student	Srikrishna Collage
4-19-2025 9.19.40 soumiduttamjd@gmail.	Soumi Dutta	7501454081 UG Student	Srikrishna college
4-19-2025 9.54.26 mondalshayan53@gm	Shayan mondal	8609671075 UG Student	Srikrishna college



One-Day International Webinar

RECENT TRENDS IN ADVANCED MATERIALS

Jointly Organized by

Department of Physics, Srikrishna College, Bagula

Department of Physics, S.B.S.S. Mahavidyalaya, Goaltore

Guest Speakers



Dr. Biplab Kr Patra

Senior Scientist
CSIR-IMMT
Bhubaneswar, India



Dr. Shuvaraj Ghosh

Postdoctoral Fellow
CNR Institute of Nanoscience
Modena, Italy



19.04.2025



11:00 am



Google Meet

Program Schedule

☐ **11.00 am** : Inaugural Program

☐ **11.15 am** : Lecture by Dr. Biplab Kr Patra

"Halide Perovskite materials as Piezoelectric Sensors"

☐ **12.00 pm** : Lecture by Dr. Shuvaraj Ghosh

"Oxide thin film based self powered or photovoltaic devices"

☐ **12.45 pm** : Vote of Thanks

Register Here



<https://forms.gle/WRK9654pCcWDKJ9K7>

Last Date of Registration **18.04.2025**

E-certificate for all registered participants

Contact Us: physics@sbssmahavidyalaya.ac.in

Joint Conveners: Dr. Ankita Indra, Srikrishan College & Dr. Koushik Dey, S.B.S.S. Mahavidyalaya

An initiative under the signed MoU

Report on Various Collaborative Academic Activities by the Department

The Department of Physics, Srikrishna College, Bagula has actively engaged in several collaborative academic activities in 2024-25 academic session, promoting knowledge sharing and interdisciplinary learning through invited lectures, seminars, and workshops. The following events highlight the department's continued commitment to academic outreach and research collaboration:

1. Invited Lecture by Dr. Sujay Pal at Half-Day Workshop on “Machine Learning and its Application”: Dr. Sujay Pal, Assistant Professor in the Department of Physics, Srikrishna College, was invited as a speaker at a Half-Day Workshop on “Machine Learning and its Application”, organized by the Indian Centre for Space Physics (ICSP), Kolkata on 07.04.2024. His lecture was on “Application of Machine Learning in Space Physics” focused on the foundational principles of machine learning and its emerging applications in space and atmospheric physics.
2. Invited Lecture by Dr. Sujay Pal at the Seminar on National Space Day at Krishnath College, Berhampur: Dr. Pal was also invited to deliver a talk during a seminar organized by Krishnath College, Berhampur, in celebration of National Space Day on 23.08.2024. He delivered a thought-provoking lecture on “Near-Earth Space Research through Radio Window”, in which he discussed the crucial role of radio observations in understanding the dynamic processes occurring in the near-Earth space environment. The presentation encouraged meaningful discussions among faculty and students alike.
3. Invited Lecturer for Ph.D. Coursework (Atmospheric Physics) at NSOU, Kolkata: Dr. Sujay Pal served as an invited faculty member for delivering Ph.D. coursework lectures on Atmospheric Physics at Netaji Subhas Open University (NSOU), Kolkata. His sessions of 16 classes were highly appreciated for their depth and relevance to current research trends in atmospheric and space sciences.
4. Invited Lecture by Mr. Rakhijul Alam Faruque (Research Scholar, NSOU) at the Department of Physics, Srikrishna College: As part of ongoing academic collaboration, Mr. Rakhijul Alam Faruque, Research Scholar at NSOU, Kolkata, delivered an engaging lecture to the 5th Semester Honours Students at the Department of Physics, Srikrishna College on 19.11.2024. His talk focused on current research developments in atmospheric science, sharing methodologies and case studies that benefited the undergraduate students.

These activities reflect the department's commitment to fostering academic collaboration, encouraging research-based learning, and promoting interdisciplinary education. They also strengthen the department's academic network with reputed institutions and researchers in the region.