

# PRESIDENCY UNIVERSITY

A large, semi-transparent watermark of the Presidency University logo is centered in the upper half of the image. The logo features a circular emblem with a stylized flame or leaf design inside, surrounded by a laurel wreath. The text "PRESIDENCY UNIVERSITY" is arched above the emblem.The background of the entire page is an aerial photograph of the Presidency University building at night. The building is a large, multi-story structure with classical architectural features, including domes, arches, and columns. It is brightly lit with warm yellow lights, and the surrounding area is visible, including trees and a street with some activity.

## NEWSLETTER

AUGUST, 2025





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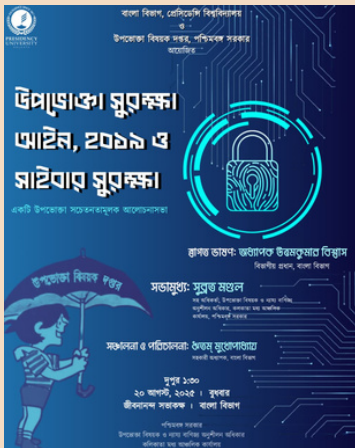
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## Department of Bengali



### উপভোক্তা সুরক্ষা আইন, ২০১৯ ও সাইবার সুরক্ষা

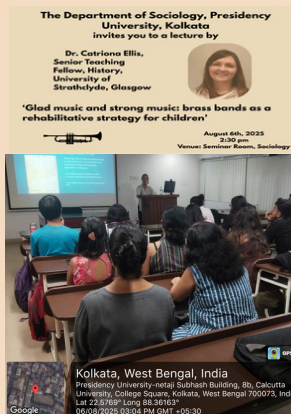
On August 20, 2025, the Department of Bengali, Presidency University, in collaboration with the Consumer Protection Commission, organized a discussion session at Jibananda Sabhakaksha. Mr. Subrata Mondal spoke on consumer rights and the Consumer Protection Act (2019), while Mrs. Madhurya Bhattacharya addressed cybercrime prevention and safety measures. Mr. Pabitra Das engaged students in an interactive session on social media's impact and cyber awareness. Shubhangkar Adhikari also shared his insights on the topic. The program, conducted by Prof. Uttam Kumar Biswas, hosted by Dr. Ritam Mukhopadhyay and concluded with a vote of thanks by Dr. Debarati Jana.

### "অনুভব ও অভিনয়" (Anubhab O Obhinoy)

A theatre workshop and performance, "অনুভব ও অভিনয়" alongside "Ma Mujhe Tagore Bana De" was held at Presidency University, organized and performed by Luckyjee Gupta and presented by Turup. Supported by the Bengali and Performing Arts departments, the event took place on August 22, 2025 enriching students' acting skills and fostering creative exploration. Special thanks were given to Professor Uttam Kumar Biswas and Professor Niladri Roy for their vital role and support in making it a valuable learning experience.



## Department of Sociology



### A talk on 'Glad music and strong music: brass bands as a rehabilitative strategy for children'

A talk by Dr. Catriona Ellis, Senior teaching fellow in History, University of Strathclyde, Glasgow was organized by the Department of Sociology on 6<sup>th</sup> August, 2025. Abstract: This talk focused on the role of music and participation in brass bands as a means of reforming children held in colonial carceral institutions into respectable and morally upright future citizens. By focusing on a group of exceptional children, chosen because of perceived natural ability and to promote the moral, social, emotional and physical reformation of Indian children, and their responses to these disciplinary strategies.

## Department of Statistics

### Invited Talk on the topic: On a (non)-Normal Multivariate Distribution

The Department hosted a talk on 21st August, 2025 by Dr. Subhajit Dutta, Associate Professor, ISI Kolkata, who specializes in robust inference, high-dimensional data, and machine learning methods. Drawing on his academic journey through IIT Kanpur and postdoctoral work at KAUST, Dr. Dutta discussed how marginal Gaussianity does not necessarily imply full Gaussianity in datasets. He cautioned against casually assuming normality, noting its potential to cause flawed business decisions. The talk engaged students, inspiring them to explore constructing joint distributions beyond the normal family.



## Department of Physics

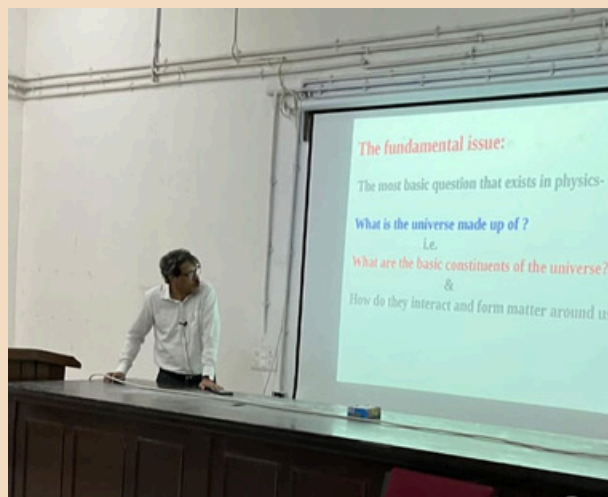


### Bose-Einstein Condensate and Metropolis Algorithm

A talk Dr. Dwipesh Majumder, IEST, Shibpur was organized by the Department of Physics on 13<sup>th</sup> August, 2025. Abstract: Bose-Einstein Condensates (BECs), first proposed by Einstein from S. N. Bose's statistics, represent a unique quantum state formed near absolute zero when bosons occupy the same ground state. This field, rich in experimental breakthroughs and surprising phenomena, requires diverse theoretical tools. While the GP equation works at zero temperature and Green's function methods remain complex, the Monte Carlo method offers powerful stochastic simulations, enabling effective exploration of BECs at both zero and finite temperatures in many-body quantum systems.

### Brownian motion: Quarks and Corona

A talk Prof. Jane Alam, The Vice-Chancellor, Murshidabad University was organized by the Department of Physics on 27<sup>th</sup> August, 2025. In this talk, the Brownian motion of quarks was discussed. The similarity with the motion of Corona virus was also mentioned.



## Department of Hindi



### Prashna Manch Pratiyogita

The Department of Hindi, Presidency University, with Bank of Baroda, Kolkata, hosted Prashna Manch Pratiyogita on 27 August 2025 as part of Rajbhasha Swarna Jayanti Varsh. Vandana Jain, Hindi Officer, Bank of Baroda was also present in the event. Six teams named after Hindi literary stalwarts competed in rounds spanning literature, Rajbhasha, current affairs, and sports. Team Dinkar secured first place. The event concluded with certificates, prizes, and a motivational address, celebrating Hindi's spirit and inspiring collective learning.



## School of Astrophysics

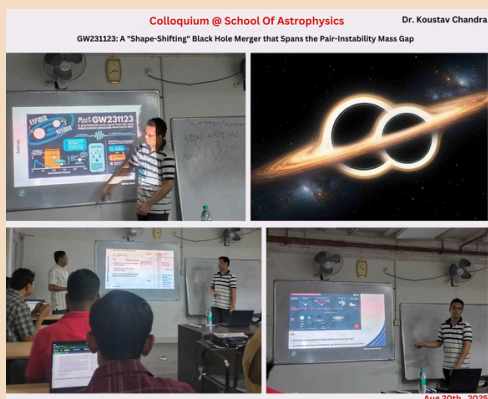


### Colloquium at the School of Astrophysics

On 6th August 2025, Prof. Atreyee Sinha from TIFR, Mumbai, delivered a talk at Presidency University titled "The Universe at the Highest Energies: Results and Future Prospects from Ground-Based Gamma-Ray Astronomy." She explained how gamma rays reveal powerful cosmic accelerators and discussed instruments like the H.E.S.S. array and analysis tools such as Gammapy. Highlights included discoveries of a new pulsar wind nebula, gamma-ray emission from a molecular cloud, and TeV halos like Geminga. She concluded with prospects of CTAO and MACE.

### Colloquium at the School of Astrophysics

The School of Astrophysics hosted a colloquium on 13th August 2025 by Prof. Dhrubaditya Mitra (NORDITA, Stockholm) titled "Written Out on Air and Running Water." Prof. Mitra discussed waves on the Sun's surface, comparing them to atmospheric Lamb waves, and explained how helioseismology uses these oscillations to reveal plasma flows deep inside the Sun. Notably, he delivered the entire lecture on a blackboard, creating an engaging, interactive atmosphere. The session combined scientific depth with traditional pedagogy, leaving a lasting impression.



### GW231123: A "Shape-Shifting" Black Hole Merger that Spans the Pair-Instability Mass Gap

On 20th August, 2025 Dr. Koustav Chandra from Penn State University delivered a talk on "GW231123: A 'Shape-Shifting' Black Hole Merger that Spans the Pair-Instability Mass Gap." He presented findings on a massive binary black hole merger (190–265 solar masses), where one lies in the theoretically forbidden pair-instability mass gap. The event's signal, shifting with different models, earned its "shape-shifting" label. Dr. Chandra highlighted its implications for stellar evolution, black hole formation, and the need for improved gravitational wave models.

## Department of Philosophy

### Brahman as Nothingness

On 20th August 2025, the Department of Philosophy, Presidency University, hosted a talk by Prof. Nirmalangshu Mukherji titled "Brahman as Nothingness." Drawing on Vedāntic and Buddhist thought, Prof. Mukherji explored Brahman as paramārtha-satya, transcending empirical categories through neti-neti. He clarified that Nothingness in Vedānta signifies transcendental plenitude, not nihilism, resonating with yet differing from Mahāyāna śūnyatā. The lecture, rich in philosophical depth, offered students and scholars new insights into Vedāntic discourse and was deeply appreciated for its clarity and rigor.





## **Department of Life Sciences**

### **Lecture Series**



On 6th August 2025, the Department of Life Sciences, Presidency University, organized an Internal Faculty Talk under its Colloquium series. Dr. Pralay Majumder delivered a lecture titled "Actin-binding Proteins in Collective Cell Migration," highlighting their critical roles in development, wound healing, and cancer metastasis. He discussed cytoskeletal dynamics, protein interactions, and mechanisms regulating coordinated cell movement. The session offered valuable insights into cell biology and encouraged lively discussions among faculty and students on the broader implications of this research.

On 13th August 2025, the Department of Life Sciences, Presidency University, hosted an alumni colloquium lecture by Dr. Angana Mukherjee, Assistant Research Professor, University of Notre Dame, and Visiting Scientist, Harvard University. She spoke on artemisinin-based combination therapies (ACTs), the frontline treatment for *Plasmodium falciparum* malaria, which caused 263 million cases and nearly 600,000 deaths in 2023. Dr. Mukherjee highlighted the emergence of artemisinin resistance through kelch13 mutations and novel mechanisms, stressing the urgent need for expanded surveillance across Asia and Africa.



On 20th August 2025, the Department of Life Sciences, Presidency University, hosted a colloquium by Dr. Shuvobrata Majumder, DBT-M. K. Bhan Fellow, ILS Bhubaneswar. His talk, "Crafting the Super Jute: Lessons in Genetics, Stress Tolerance, and Scientific Exploration," focused on developing multi-trait transgenic jute lines through *Agrobacterium*-mediated co-transformation of *cry1Ab/Ac*, *chi11*, and *bar* genes. The resulting plants showed resistance to pests, fungal pathogens, and herbicide, while preserving fiber quality. Dr. Majumder highlighted scientific challenges, curiosity, and perseverance in driving innovations for sustainable agriculture.

## **Department of Mathematics**

### **Seminar on Quantum and Post-Quantum Cryptography.**

On 22nd August 2025, the Department of Computational Mathematics, Presidency University, organized a seminar on "The State of the Art Issues in Quantum and Post-Quantum Cryptography" at the PCM Auditorium under CROW, an initiative led by Prof. Avishek Adhikari. Prof. Subhamoy Maitra (ISI, Kolkata) delivered the lecture, tracing the evolution of cryptography and the disruptive challenges of quantum computing. He introduced post-quantum approaches such as lattice-based and code-based methods. The interactive session highlighted mathematics' crucial role in shaping secure digital technologies.

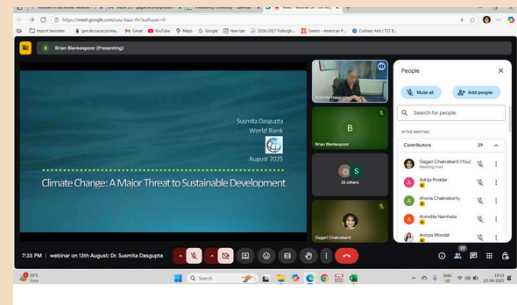




## Department of Economics

### Webinar on Climate Change: A Major Threat to Sustainable Development Case of Ganges Brahmaputra Delta in South Asia

On 13th August 2025, Department of Economics hosted a webinar titled "Climate Change: A Major Threat to Sustainable Development – Case of Ganges Brahmaputra Delta in South Asia", featuring Dr. Susmita Dasgupta, Lead Environmental Economist, World Bank. She highlighted how climate change undermines economic growth, social equity, and environmental protection, focusing on sea-level rise in vulnerable deltas like the Nile, Mekong, and Ganges-Brahmaputra. Stressing adaptation strategies—seawalls, embankments, dune management, and contextual accommodation—she emphasized the urgent need for sustainable, resilient development.



### Lecture Series

Dr. Raju Maiti, Assistant Professor, Economic Research Unit, ISI Kolkata gave a series of 3 lectures on Machine Learning on 5, 12 and 19 August 2025. His lectures covered the statistical basis of ML and classification methods (Linear Discriminant Analysis, k nearest neighbour, k means clustering and Principal Component Analysis).

### Talk on "Issues on Cyber Security and Cryptology: Decoding Digital threat"

On 11<sup>th</sup> August, 2025 OIKOS, the Economics Society and the Department of Economics organized a talk on "Issues on Cyber Security and Cryptology: Decoding Digital threat" by Prof. Bimal Roy, Former Director, ISI Kolkata. Undergraduate and post graduate students and the research scholars attended the talk.

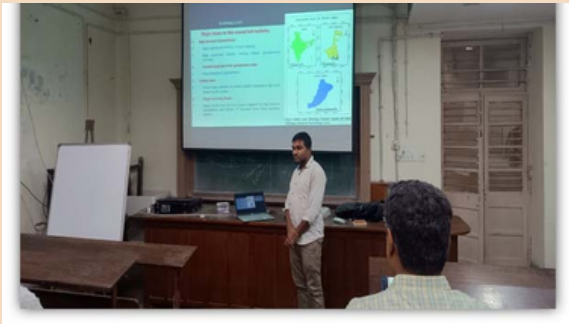




## **Department of Geology**

### **'Planetary Pulse'**

### **Seminar**



Mr. Bibek Saha, research scholar delivered a lecture for departmental session 'Planetary Pulse' on his research topic "Assessment of fragile hydrological system in coastal alluvial province of Purba-Medinipur district, West Bengal, India: insights from remote sensing, GIS and geophysical approach".

Mr. Saurajit Saha, research scholar delivered a lecture for departmental session 'Planetary Pulse' on his research topic on "Overview of Petrophysics in the context of Geoscience: A Case Study from South Iraq".



Prof. Sankar Bose delivered a lecture for 'Planetary Pulse' on "Global emergence of strongly peraluminous granites: a theoretical study".

Ms. Pragnyasini Behera, research scholar delivered a lecture for 'Planetary Pulse' on her research topic on "From Single Vein to Regional Pattern: Comprehensive Genesis Model for Bundelkhand's Giant Quartz Vein Systems".





# Central Events



- *FRAGOMEN Educational Services organized an outreach activity at Presidency University on 6th August, 2025.*



- *On 6th August 2025, nine Presidency University students attended a workshop on Identifying and Countering Human Trafficking Dynamics at the American Center Library. The session addressed human trafficking in the digital age through interactive quizzes and group discussions with peers from leading Kolkata colleges. It emphasized distinctions between trafficking and smuggling, the importance of cyber security, and reintegration for victims. Concluding on a strong note, the workshop underscored that combating trafficking is both a legal and moral responsibility.*



- *Flag Hoisting at Presidency University on the occasion of 78th Independence Day (15<sup>th</sup> August, 2025)*

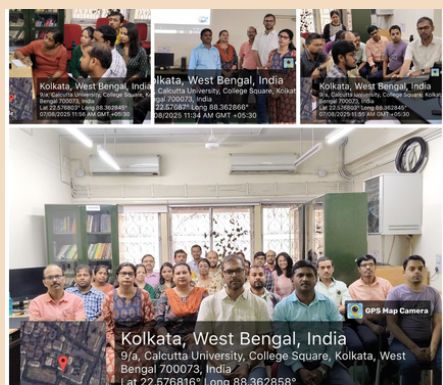


- *On 18th August 2025, Presidency University, Kolkata, in collaboration with the Consulate General of Japan, organized an Awareness Program on Academic and Professional Opportunities concerning Japan. The session introduced students and faculty to Japan's academic, cultural, and professional avenues, highlighting exchange initiatives, fellowships, and the prestigious MEXT scholarships. Aimed at fostering Indo-Japanese academic ties and cultural exchange, the program encouraged students to explore emerging opportunities in Japan, reinforcing the importance of global exposure in shaping future academic and professional journeys.*





# Events of Library

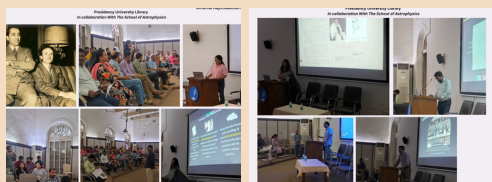
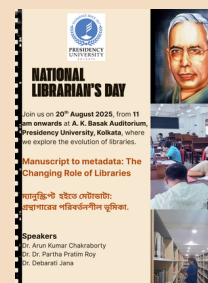


## Digitisation Workshop for Skill Development

The Presidency University Library organized a One-Day Digitization Workshop for staff skill development on 7th August 2025 at the Central Library. Resource persons included Mr. Sourish Das (Bhakti Vedanta Research Centre) and Assistant Librarians of the University. Participants received hands-on training in scanning techniques, metadata creation, file organization, and handling archival materials. The workshop also addressed challenges in digitization and workflow efficiency. Staff members actively engaged in the sessions and expressed enthusiasm for future training opportunities.

## National Librarian's Day

Presidency University Library observed National Librarians' Day 2025 on 20th August at the A.K. Basak Auditorium, honoring Dr. S. R. Ranganathan. With the theme "Manuscript to Metadata: The Changing Role of Libraries" (ম্যানুস্ক্রিপ্ট হইতে মেটাডাটা), the event featured insightful talks by Dr. Arun Kumar Chakraborty (NSOU), Dr. Partho Pratim Roy (Visva-Bharati), and Dr. Devarati Jana (Presidency). The Best Library User Awards went to Soumya Samanta (Chemistry) and Sambuddha Ray (English). Presentations and a lively quiz engaged faculty, students, and staff, marking a vibrant celebration of libraries in the digital age.



## Importance of Setting up Institutional Archives

On 27th August 2025, Presidency University Library, in collaboration with the School of Astrophysics, hosted an interdisciplinary colloquium at the A.K. Basak Auditorium. Ms. Oindrila Raychaudhuri, Consultant Archivist, TIFR Mumbai, delivered a talk on the "Importance of Setting up Institutional Archives." Through rare archival materials, including letters of Homi J. Bhabha and documents linked to A.P.J. Abdul Kalam's recruitment to INCOSPAR, she highlighted the value of archives in preserving India's scientific heritage. The session addressed archival practices, challenges, and digitization, engaging the audience in lively discussion.



## EVENTS OF NSS

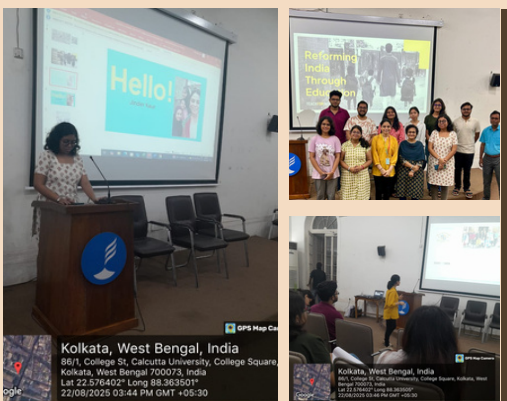


### Tree Plantation Drive

As part of its environmental awareness initiative, NSS Unit 3 of Presidency University, led by Dr. Puja Ray, organized a Tree Plantation Drive to promote ecological balance and sustainable living ON 4<sup>th</sup> August, 2025. Twenty NSS volunteers actively participated, planting saplings and reflecting on the role of trees in mitigating climate change, conserving biodiversity, and offering psychological well-being in urban spaces. The initiative was both symbolic and practical, reaffirming NSS's commitment to sustainability, environmental responsibility, and fostering a greener, healthier future.

### Independence Day Celebration, 2025: Honouring Freedom, Fostering Unity

The NSS Cell of Presidency University celebrated Independence Day 2025 at Manik Bandyopadhyay Hall under the guidance of Dr. Jayeeta Deshmukh. Anchored by Dyuti Biswas (Sociology), the event featured speeches by students from Sociology and Geography on the meaning of independence today. Cultural performances by Urbi (Geography) and Divyashree (Geology) added vibrancy. Extending celebrations beyond campus, volunteers distributed national flags to locals under the Har Ghar Tiranga initiative, reinforcing unity and pride. The event blended reflection, culture, and outreach, embodying the spirit of Independence.



### Seminar on Teach for India Fellowship

The NSS Cell (Unit 3) of Presidency University, under Dr. Puja Ray, organized a seminar on 22<sup>nd</sup> August, 2025 in collaboration with Teach for India to introduce students to the Fellowship and its role in bridging educational inequities. Coordinated by Dyuti Biswas and Archishman Paul (Sociology), the session was led by Ms. Jinder Kaur, Regional Manager, who engaged students in discussions on challenges in Indian education and the fellowship's impact. The event inspired participants toward service-oriented leadership while enhancing communication, teamwork, and critical thinking.

### Interactive UPSC Guidance Session with Kavish IAS: Empowering Students with the Right Direction

On 28<sup>th</sup> August, 2025, the NSS Cell (Unit 2) of Presidency University, under Dr. Mery Biswas, organized an interactive session on competitive examinations in collaboration with Kavish IAS Centre. Attended by nearly 40 students, the session focused on the UPSC Civil Services Exam, covering its structure, preparation strategies, and the importance of discipline. The facilitator addressed queries on subject selection, time management, and study techniques. The program reflected NSS's commitment to guiding students with mentorship and practical insights, bridging the gap between ambition and achievement.





## Events from Central Sports Board



### Freedom of Ride (FOR)

DR. GEORGE BISWAS (Assistant Professor, Department of Geology & Convener, Central Sports Board) is proudly recognized for his successful participation in the "Freedom Ride" – an approx. 80 km cycling challenge held on 15th August, 2025, commemorating India's Independence Day. Dr. Biswas completed the demanding route across Kolkata and Howrah on a road bike, demonstrating exceptional endurance, determination, and a true spirit of freedom and fitness. Official Finish Time: 03:49:54. The event was jointly organized by Cycology, Run n Fun, D Quests.



### Celebration of National Sports Day

The Central Sports Board organized a friendly football tournament to celebrate National Sports Day and to promote a culture of sports and fitness awareness within the campus. Four teams participated in the main tournament: Students, Scholars, Staff, and Faculty. After an exciting series of matches filled with enthusiasm, energy, and team spirit, the Scholar Team emerged as the champions of the tournament. In addition, a special friendly match was held among girl participants representing Students, Scholars, Staff, and Faculty, highlighting the growing enthusiasm for women's participation in campus sports and fitness initiatives.

## Students' Activities

### Blood Donation Camp

On 19th August 2025, the boarders of Eden Hindu Hostel organized a Blood Donation Camp in collaboration with Sabdarnagar Education and Welfare Society at the hostel premises. With medical support from Maniktala Blood Bank, the camp ensured safe procedures and honored donors with certificates. About 30 participants enthusiastically contributed, reflecting a strong commitment to social welfare. Special thanks were extended to Kailash Da, whose guidance was crucial. The initiative highlighted the hostel's enduring legacy of service and solidarity.



### Independence Day Football Cup at Eden Hindu Hostel

On 15th August 2025, Eden Hindu Hostel celebrated Independence Day with patriotic fervor and sportsmanship. After cleaning and decorating the premises, the National Flag was hoisted by Ajay Sir, Assistant Controller of Examinations, 2nd Campus, Presidency University, in presence of 90 students. The Independence Football Cup saw Ward 1 defeat Ward 3 (5-2). Prithish Mutsuddi was Man of the Match, Ashik Mondal Highest Scorer, while Ramij Hasan and Sayak Sahu shared Best Goalkeeper. The day ended with a festive khichudi lunch.

# Students' Success Stories



- *Mr. Anubrato Bhattacharyya, PhD scholar in the Department of Mathematics under the supervision of Dr. Kuntal Banerjee, recently completed research visits to Barcelona (Spain), Toulouse (France), and Wuppertal (Germany). He was one of only five recipients from India to receive the ISEM 28 financial support grant. During his visits, he presented at the Barcelona Summer School "Topics in Complex Dynamics 2025" and delivered a lecture at the ISEM 28 workshop "Ergodic Structure Theory" in Wuppertal.*



- *Ms. Pallavi Sen, Ph.D. Scholar from Dr. Sugopa Sengupta's laboratory, Department of Life Sciences received 1st position for ZSK National Research Fellowship Program for Seed award 2025*



- *Soumya Subhra Baishnab, Senior Research Fellow in the Department of Life Sciences, Presidency University, under the guidance of Dr. Sumit Mandal, has bagged the Best Oral Presentation Award for his research about the effect of temperature rise and pesticide pollution on meiobenthic communities from coastal ecosystems. His recognition at an international conference on 10th September at Krishnagar Government College not only celebrates his scientific insight but also brings pride and distinction to Presidency University.*



- *Presidency University University congratulates Dhrubojyoti Dutta, Sohini Das, Sankhabrata Bag and Anwesha Sen Sarma from Department of Chemistry on successfully qualifying JAM 2025.*



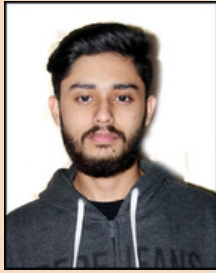
- *Presidency University wishes the very best to Anwesha Biswas, Proshomit Kumar Mitra, Sougata Das and Nirmalya Mandal from the Department of Chemistry for their academic pursuit in various reputed institutes of the country.*



- *Anushka Pal, 2020-23 batch from Economics, had joined Indian Institute of Foreign Trade. She has secured first in both campuses (Delhi and Kolkata) and been awarded a gold medal.*



# **Students' Success Stories**



- ***SHUKDEB BANDYOPADHYAY (PG Applied Economics, 2023-25 Batch) has joined KPMG GLOBAL SERVICES as an Executive in Modelling and Valuation.***



- ***Prithhiraj Biswas (PG Applied Economics Batch 2023-25) has joined as management trainee in actuarial discipline in Agriculture Insurance Company of India Limited.***



- ***Simran Das (PG Applied Economics Batch 2023-25) has joined as Executive at KPMG Global Services.***



- ***Deepika Paul (PG Applied Economics Batch 2023-25) has joined as an Associate in Risk and Regulatory Advisory at PwC Acceleration Centres***



- ***Sougata Saha (PG Applied Economics Batch 2023-25) has joined ODA Class, Bengaluru as an academic mentor***

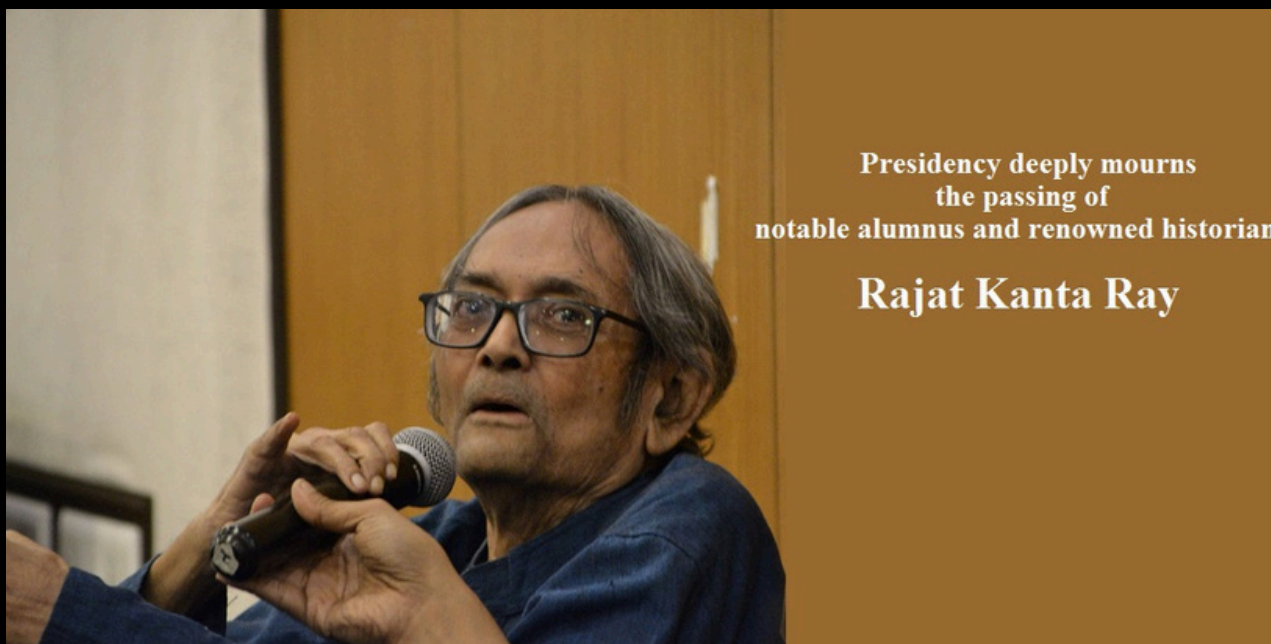


- ***Sutapa Dutta has joined as a Product Marketing Trainee (PMT) in the management cadre at Alteus Remedies Pvt. Ltd.***



- ***Anurag Sengupta (PG Applied Economics, Batch 2023-25) has joined as Analyst at Willis Towers Watson***

# *Obituary.*



Presidency deeply mourns  
the passing of  
notable alumnus and renowned historian

**Rajat Kanta Ray**