


PRESIDENCY UNIVERSITY

A photograph of a courtyard at dusk. In the background is a large, light-colored building with multiple stories, arched windows, and a central dome. The courtyard is filled with people, some sitting on the grass and others standing. A large, illuminated structure made of many thin, curved poles is in the center. String lights are strung across the courtyard, and colorful triangular flags are hanging from them. The sky is a mix of purple and blue.

**NEWSLETTER
NOVEMBER, 2025**

CONTENTS

<u>Sl no.</u>	<u>Department</u>	<u>Event</u>
1	<u>Department of Mathematics</u>	<ul style="list-style-type: none"> · Career Opportunities within the Reserve Bank of India (RBI)- An Invited talk · "On Ulrich bundles"- An invited talk
2	<u>Institute of Health Sciences</u>	<ul style="list-style-type: none"> · Monthly Scientific Colloquium · Career Counselling Workshop
3	<u>Department of Philosophy</u>	<ul style="list-style-type: none"> · Talk on "On Large, Language Model Selfhood" · Talk on "Śabdapramāṇa and Hegel's 'Die Sprache': Reflections on Consciousness and Languaging" · Talk on "Can we be friends? AI and I"
4	<u>Department of Sociology</u>	<ul style="list-style-type: none"> · Sensitization On Social Science Research
5	<u>Department of Physics</u>	<ul style="list-style-type: none"> · Workshop on Modern Trends in Particle Physics 2025 · colloquium on" Quest for the Next Element: Exploring the Formation of Superheavy Nuclei" · A two day national conference on Condensed Matter, Materials Science and Statistical Physics.
6	<u>School of Astrophysics</u>	<ul style="list-style-type: none"> · Biennial Memorial Lecture · Lighting Up the First Billion Years of the Universe: The HI 21-cm View with the Square Kilometre Array (SKA) · Galaxy Evolution in the Low-Mass, Low-Density Regime: Studies on Dwarf Galaxies and the Circumgalactic Medium
7	<u>Department of Economics</u>	<ul style="list-style-type: none"> · Inter-institute student's fest "Arthatantra" · Workshop on ONOS · A Panel discussion on "Between history and revolution: The world of Badruddin Umar"
8	<u>Department of Life Sciences</u>	<ul style="list-style-type: none"> · One day Seminar- Through the Lens: Photography as a force for wildlife conservation · Departmental faculty talk as a part of Colloquium lecture series is Dr. Sugopa Sengupta, Assistant Professor, Department of Life Sciences, Presidency University · Life Science Colloquium lecture by Dr. Danish Khan, Incoming Assistant Professor, Dept. of Biochemistry, Virginia Tech, USA

<u>Sl no.</u>	<u>Department</u>	<u>Event</u>
9	<u>Department of English</u>	· <i>Talk of the Month</i>
10	<u>Events at library</u>	· <i>An Academic Visit to Presidency University Library by Central University Haryana's Library Science Faculty Members and Students</i>
11	<u>Events of NSS cell</u>	· <i>Meditation Session (Organization Name: Heartfulness)</i> · <i>Janjatiya Gaurav Diwas</i> · <i>76th Constitution Day</i>
12		· <i>Campus visit by Rutgers, The State University of New Jersey</i>
13	<u>Central Sports Board</u>	· <i>BREVETS DE RANDONNEUR MONDIAUX</i> · <i>Students' Football League</i>
14	<u>Central Highlights</u>	· <i>Bijaya Sammilani organized by the Non Teaching Staff of Presidency University</i>
15	<u>Success Stories</u>	
16	<u>Farewell</u>	

DEPARTMENT OF MATHEMATICS

CAREER OPPORTUNITIES WITHIN THE RESERVE BANK OF INDIA (RBI)- AN INVITED TALK

On the forenoon of 6 November 2025, the Department of Mathematics, Presidency University, hosted an interactive career session on opportunities at the Reserve Bank of India. The session was led by alumnus Pratik Mitra, Director (GM, Grade 'E'), International Banking Division, RBI. He discussed career roles, especially within DSIM, and shared professional insights. The event saw active student participation and meaningful interaction with faculty, offering clear guidance on pursuing a career in India's premier financial institution.



"ON ULRICH BUNDLES"- AN INVITED TALK

On November 26, 2025, the 88th lecture of the Q.E.D. series was held in MLT1, delivered by Dr. Suratno Basu, Assistant Professor at TCG Crest. Titled "On Ulrich Bundles," the lecture introduced the concept and origins of Ulrich bundles in algebraic geometry through a largely self-contained and accessible presentation. Dr. Basu then discussed key open problems and concluded with an overview of current research developments in this specialized area.

INSTITUTE OF HEALTH SCIENCES

CAREER COUNSELLING WORKSHOP

The Institute of Health Sciences organized a Career Counselling Workshop on scientific editing on 12 November 2025. Dr. Ayatti Mallick Gupta, Scientist at IISER Kolkata and Visiting Scientist at Wesleyan University, USA, delivered a lecture titled "Career Counselling Workshop: Computer-Aided Drug Design: A Pathway to Precision Medicine." She shared insights into editorial careers, scientific writing, and professional opportunities. The interactive session was well received and enriched students' understanding of alternative scientific career paths.



MONTHLY SCIENTIFIC COLLOQUIUM

The monthly colloquium of the Institute of Health Sciences (IHS), Presidency University, was held on 19 November 2025, featuring Dr. Arunima Biswas, Assistant Professor, Department of Zoology, University of Kalyani. She delivered a talk titled "Repurposing Phosphodiesterase Inhibitors to Overcome Therapeutic Bottlenecks in Breast and Cervical Cancer." The lecture brought together faculty members, researchers, and students, fostering active discussion and knowledge exchange, particularly on therapeutic strategies for cervical cancer. The event was well received and intellectually enriching.

DEPARTMENT OF PHILOSOPHY

TALK ON “ON LARGE, LANGUAGE MODEL SELFHOOD”

The Department of Philosophy hosted a lecture on 4 November by Dr. Robin Luke Varghese titled On Large, Language Model Selfhood. The talk explored whether the increasing use of first-person expressions by large language models implies any form of genuine selfhood. Dr. Varghese examined debates in philosophy of mind, cognitive science, and AI, addressing questions of consciousness, embodiment, and subjectivity. He discussed whether self-reference in artificial systems can indicate inner experience, clarifying the limits of computational and linguistic sophistication.



TALK ON “ŚABDAPRAMĀṆA AND HEGEL'S 'DIE SPRACHE': REFLECTIONS ON CONSCIOUSNESS AND LANGUAGE”

On 13 November 2025, Dr. Anirban Bhattacharjee delivered a lecture titled “Śabdapramāṇa and Hegel's Die Sprache: Reflections on Consciousness and Language.” The talk explored linguistic knowing (śābdabodha) in Nyāya and Mīmāṃsā, examining whether self-reflective consciousness is shaped by language. Dr. Bhattacharjee drew parallels with Hegel's views on selfhood, inner speech, and contradiction, connecting them to Indian grammatical insights from Yāska and Bhartṛhari, alongside reflections from Saussure and Wittgenstein on meaning and cognition.

TALK ON “CAN WE BE FRIENDS? AI AND I”

The Department of Philosophy hosted a talk on 27 November 2025 by Professor Vineet Sahu, examining the possibility of friendship between Artificial Intelligence and humans. Drawing on philosophical questions and popular cultural references, the lecture explored concepts of friendship, agency, affect, and embodiment. Professor Sahu critically questioned whether AI, lacking physicality and emotions, can qualify as an agent or a genuine friend. The engaging discussion invited students and faculty to reflect on evolving human-AI relationships.



DEPARTMENT OF SOCIOLOGY



SENSITIZATION ON SOCIAL SCIENCE RESEARCH

The Department of Sociology hosted a programme on 13th November, 2025 based on social science research and demonstrates how interdisciplinary studies are connected with IIT. Prof. Anindita Chakrabarti, Department of Humanities and Social Sciences (IIT KANPUR) attended the event as a resource person.

DEPARTMENT OF PHYSICS

WORKSHOP ON MODERN TRENDS IN PARTICLE PHYSICS 2025

The Department of Physics organized the Workshop on Modern Trends in Particle Physics 2025 on 31 October, featuring lectures by Prof. Anindya Datta (CU), Prof. Koushik Dutta (IISER Kolkata), Prof. Sourov Roy (IACS), Prof. Naba K. Mondal (SINP), and Prof. Biswarup Mukhopadhyaya (IISER Kolkata). Aimed primarily at senior B.Sc. Physics students under the NEP curriculum, the workshop also welcomed M.Sc., Ph.D. and postdoctoral researchers. It included three invited lectures and a panel discussion on research opportunities in particle physics, along with a poster session.



COLLOQUIUM ON "QUEST FOR THE NEXT ELEMENT: EXPLORING THE FORMATION OF SUPERHEAVY NUCLEI"

The Department of Physics organized a seminar titled "Quest for the Next Element: Exploring the Formation of Superheavy Nuclei", delivered by Dr. Shabnam Mohsina IEST, Shibpur on 12th November. The talk explored current efforts to extend the periodic table beyond element 118 and the scientific challenges in synthesizing superheavy nuclei. Dr. Mohsina discussed the stochastic Langevin framework and how friction, fluctuations, and deformation influence nuclear formation, offering insights into the pursuit of element 119 and the broader "island of stability."

A TWO DAY NATIONAL CONFERENCE ON CONDENSED MATTER, MATERIALS SCIENCE AND STATISTICAL PHYSICS.

The CMMSSP-25 Conference, held on 21-22 November 2025, successfully brought together researchers and students for vibrant discussions in condensed matter and materials physics. Invited talks by Dr. Basudev Pradhan, Dr. Tutul Biswas, and Dr. Ankur Sensharma highlighted advances in photovoltaics, topological magnetization, and percolation theory. Four oral sessions and 23 posters showcased diverse student-driven research. Smoothly organized with strong institutional support, the conference achieved its goals of fostering academic exchange and strengthening collaborations within the scientific community.



SCHOOL OF ASTROPHYSICS

BIENNIAL MEMORIAL LECTURE

The School of Astrophysics hosted a day-long Gravitational Wave Symposium alongside the 5th Amal Kumar Raychaudhuri Memorial Lecture on 14 November, 2025. The event featured talks by Prof. Sanjit Mitra (IUCAA), Prof. Parthasarathi Majumdar (IACS), and Prof. Sourav Chatterjee (TIFR), with flash presentations from SINP researchers. A special tribute to Dr. Raychaudhuri preceded the memorial lecture by Prof. Scott Hughes (MIT) on probing black holes through gravitational waves. With over 50 participants and poster sessions, the event fostered vibrant scientific dialogue and honoured Dr. Raychaudhuri's legacy.



SCHOOL OF ASTROPHYSICS

LIGHTING UP THE FIRST BILLION YEARS OF THE UNIVERSE: THE HI 21-CM VIEW WITH THE SQUARE KILOMETRE ARRAY (SKA)

Prof. Kanan Kumar Datta from Jadavpur University delivered an engaging talk on 19 November on exploring the universe's earliest phases using radio telescopes. Focusing on the Cosmic Dawn and Epoch of Re-ionization, he highlighted how little is known about the first stars, galaxies, and black holes. He explained the role of the redshifted HI 21-cm signal, numerical modelling, and detection challenges. A key highlight was the upcoming Square Kilometre Array (SKA) and India's significant contributions to research in this frontier field.



GALAXY EVOLUTION IN THE LOW-MASS, LOW-DENSITY REGIME: STUDIES ON DWARF GALAXIES AND THE CIRCUMGALACTIC MEDIUM

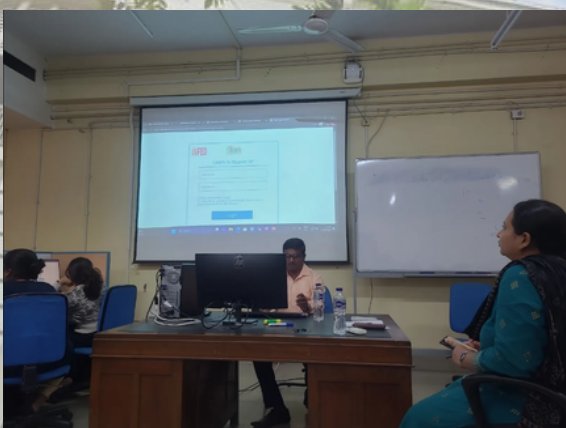
On November 26, Dr. Joy Bhattacharyya from Ohio State University delivered a colloquium titled "Galaxy Evolution in the Low-Mass, Low-Density Regime" in Astrophysics Classroom 1. She discussed the poorly understood evolution of faint dwarf galaxies and emphasized the significant environmental impact of massive host galaxies on their star-formation histories. Using TNG50 simulations and DES data, she highlighted evidence for backslash and infalling dwarf populations. Dr. Bhattacharyya also presented results on the Milky Way's CGM, linking its hot, diffuse gas to stellar feedback.



DEPARTMENT OF ECONOMICS

INTER-INSTITUTE STUDENT'S FEST "ARTHATANTRA"

OIKOS, the Economics Society of Presidency University, organized an inter-institute student fest 'Arthatantra' on 6-7 November 2025, sponsored by nine organizations including NIS, Nestlé, Springer, SBI, and others. Events included memes, paper presentations, quizzes, auctions, and debates, along with a special lecture by Prof. Anup Sinha and a panel discussion on Bengali cinema. The fest saw over 300 participants, including 149 from outside Presidency University, representing institutions such as JU, St. Xavier's, Loreto, IIT Delhi, and others, with eminent judges and speakers from leading academic and media institutions.



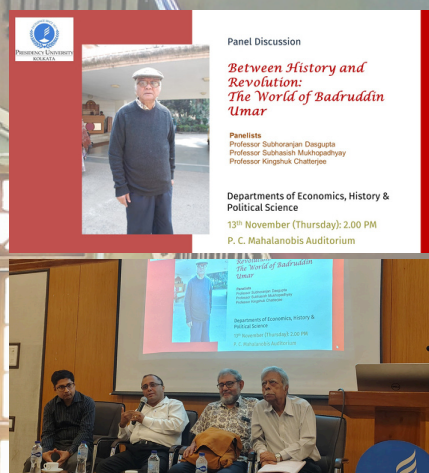
WORKSHOP ON ONOS

A hands-on workshop was organized by the Department of Economics on 12.11.2025, with Mr. B. Shiva (Assistant Librarian) and Kuheli Dutta (Assistant Librarian) to introduce PhD scholars and Postgraduate students about the ONOS. Participants were shown how to access journal articles and other research materials under the ONOS scheme started by the Government of India.

DEPARTMENT OF ECONOMICS

A PANEL DISCUSSION ON "BETWEEN HISTORY AND REVOLUTION: THE WORLD OF BADRUDDIN UMAR"

A panel discussion was held on 13.11.2025, jointly organized by the Departments of Economics, History and Political Science, on "Between history and revolution: The world of Badruddin Umar". The speakers were Professor Subhoranjan Dasgupta (retired faculty, Institute of Development Studies Kolkata), Professor Subhasish Bandopadhyay (retired faculty, Biophysics department, Calcutta University) and Professor Kingshuk Chatterjee ((History Department, Calcutta University).



DEPARTMENT OF LIFE SCIENCES



ONE DAY SEMINAR- THROUGH THE LENS: PHOTOGRAPHY AS A FORCE FOR WILDLIFE CONSERVATION

The Department of Life Science, in collaboration with the NSS Cell of Presidency University, organized a One-Day Awareness Programme on Wildlife Conservation titled "Through the Lens: Photography as a Force of Wildlife Conservation" on 11th November, 2025. Coordinated by Dr. Puja Ray, the event saw enthusiastic participation from around 150 students. The session highlighted how wildlife photography serves as a tool for awareness, advocacy, and conservation, emphasizing ethical representation, environmental responsibility, and the role of visual storytelling in shaping public opinion and inspiring collective action toward protecting ecosystems.

DEPARTMENTAL FACULTY TALK AS A PART OF COLLOQUIUM LECTURE SERIES IS DR. SUGOPA SENGUPTA, ASSISTANT PROFESSOR, DEPARTMENT OF LIFE SCIENCES, PRESIDENCY UNIVERSITY

The Department of Life Sciences hosted a colloquium on 12 November 2025 featuring Dr. Sugopa Sengupta, Assistant Professor at Presidency University. Her talk, "Safeguarding Genome Integrity Through Protein Partnerships," covered two key research areas from her laboratory. She discussed how the N-terminal domain of Dpb2 stabilizes the replisome and protects genome integrity during replication stress. She then highlighted the role of YacG, an endogenous inhibitor of DNA gyrase in *E. coli*, in maintaining DNA topology and influencing persistence under stress. The session was well received.



LIFE SCIENCE COLLOQUIUM LECTURE BY DR. DANISH KHAN, INCOMING ASSISTANT PROFESSOR, DEPT. OF BIOCHEMISTRY, VIRGINIA TECH, USA

The Department of Life Sciences hosted a colloquium on 19 November 2025 featuring Dr. Danish Khan, incoming Assistant Professor at Virginia Tech and Presidency University alumnus. His talk, "Resolving Stalled Protein Synthesis," examined how cells handle ribosome stalling caused by faulty mRNAs or amino acid shortages. Dr. Khan explained the ribosome-associated quality control (RQC) pathway and shared his yeast findings showing how mechanical forces shape untemplated CAT-tail formation. His work highlights the physiological roles of CAT tails and their links to neurodegenerative and motor neuron diseases.



DEPARTMENT OF ENGLISH

TALK OF THE MONTH

The Department of English hosted a talk on 19 November 2025 by Amrita Dasgupta (SOAS, LSE), titled *Dock and Desire: Littoral Intimacies and Amphibious Labors of Port Brothels*. After an inaugural address by Prof. Anirban Ray and an introduction by student Samya Bhattacharya, Dasgupta discussed the history of Baniashanta port brothel, highlighting gendered labour, marginalisation, environmental precarity, and its links to the 1971 Liberation War. The lecture included an audio-ethnographic segment and concluded with a vote of thanks by Dr. Mousumi Mandal.



EVENTS AT LIBRARY

AN ACADEMIC VISIT TO PRESIDENCY UNIVERSITY LIBRARY BY CENTRAL UNIVERSITY HARYANA'S LIBRARY SCIENCE FACULTY MEMBERS AND STUDENTS

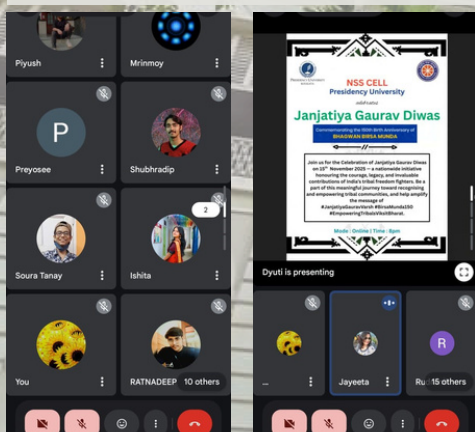
On November 12, 2025, Presidency University Library hosted 38 students from the Department of Library and Information Science, Central University Haryana, as part of their BLIS and MLIS programs. Accompanied by three faculty members, the group explored the library's infrastructure, services, and workflows within a research-oriented university environment. The visit provided meaningful hands-on exposure to academic library operations, offering students practical insights beyond classroom learning. CUH faculty members appreciated the initiative for enriching the students' professional understanding and experience.



EVENTS OF NSS CELL

MEDITATION SESSION (ORGANIZATION NAME: HEARTFULNESS)

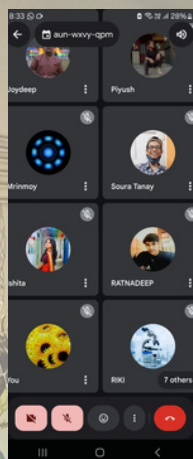
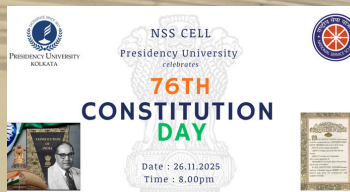
On 18 November 2025, the NSS Cell (Units 1 and 2) of Presidency University organized a Meditation Session in collaboration with the Heartfulness Foundation, encouraged by Dr. Arunkumar Maiti, Dean of Students. Guided by Programme Officers Dr. Jayeeta Deshmukh and Dr. Mery Biswas, the session began with an address by Prof. Sumita Saha emphasizing mental well-being in academia. Facilitators introduced simple meditation techniques, engaging around 40 students. The initiative highlighted NSS's commitment to holistic student development and emotional wellness.



JANJATIYA GAURAV DIWAS

NSS Cell (Unit 1) of Presidency University, under Programme Officer Dr. Jayeeta Deshmukh, organized an online Speech Competition on 30th Novmeber to mark Janjatiya Gaurav Diwas and the 150th Birth Anniversary of Birsa Munda. The event began with an introduction by Dyuti Biswas, followed by speeches from students across departments, including Rudranil Chakraborty, Shubhradeep Sen, Soumalya Cheel, Soura Tanay Roy, Md. Ahasan Habib and Ishita Ghosh. Participants reflected on Birsa Munda's legacy, tribal leaders' contributions and the enduring significance of indigenous resistance in India's history.

EVENTS OF NSS CELL



76TH CONSTITUTION DAY

On 30th November the NSS Cell (Unit 2) of Presidency University, under Programme Officer Dr. Mery Biswas, observed the 76th Constitution Day with a reflective event celebrating the core values of justice, liberty, equality and fraternity. Students from various departments—Shubhradeep Sen, Mrinmoy Mandol, Ratnadeep Sinha and Soumalya Cheel—delivered insightful speeches coordinated by Rudranil Chakraborty. They discussed the Constitution's contemporary relevance and citizens' responsibilities. The programme reinforced the importance of constitutional awareness, civic duty and the role of youth in upholding democratic values.

CAMPUS VISIT BY RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY

A 7 member delegation from Rutgers University, Ner Jersey, USA visited Presidency University Kolkata to discuss research collaboration, faculty partnerships, joint workshops, probable student exchange programs on 18th November 2025. This delegation led by Vice President of Rutgers Global Dr Eric Garfunkel met the Vice Chancellor, Registrar along with the faculty members to explore ideas of MoU. The outcome of this day long delegation is that different departments have identified overlapping research areas and would start materialising academic collaboration shortly. Industry-linked externships and experiential learning opportunities are also on included in the agenda after a successful session with the dynamic students and scholars of Presidency University



CENTRAL SPORTS BOARD





BREVETS DE RANDONNEUR MONDIAUX

Dr. George Biswas, Assistant Professor of Geology and Convener of the Central Sports Board, has been officially recognized as an Indian Randonneur for successfully completing the 200 km Brevet on 2nd November 2025, organized by Cycling Network Grow under the Audax Club Parisien and Audax India Randonneurs.



PUFL 2025 FIXTURES	
Day 1 (12 th November)	
	12.30 pm (Men's)
	1.40 pm (Men's)
	2.50 pm (Women's)
	3.25 pm (Women's)
	4.00 pm (Women's)
	4.35 pm (Men's)

PUFL 2025 FIXTURES	
Day 2 (13 th November)	
	12.00 pm (Women's)
	12.35 pm (Men's)
	1.45 pm (Women's)
	2.20 pm (Men's)
	3.30 pm (Women's)
	4.05 pm (Men's)

PUFL 2025 FIXTURES	
FINAL DAY : 14 th November	
	12.30 pm (Men's)
	1.30 pm (Men's)
	2.00 pm (Women's)
	3.00 pm (Men's)
FINAL	
Winner of semi 1	4.10 pm (Women's)
Winner of semi 2	5 pm (Men's)

STUDENTS' FOOTBALL LEAGUE

The Central Sports Board successfully organized the Students' Football League from 12th to 14th November at Presi Greens. The tournament featured six teams each in the boys' and girls' categories. Team formation was carried out through a well-structured auction process, conducted on 3rd November for the girls' teams and 4th November for the boys' teams, ensuring balanced and competitive squads. The event witnessed enthusiastic participation from approximately 200 players, comprising students, staff members, faculty, and research scholars, making it a vibrant and inclusive sporting event. The league not only promoted competitive sportsmanship but also fostered a strong sense of community and camaraderie across the university.

CENTRAL HIGHLIGHTS

BIJAYA SAMMILANI ORGANIZED BY THE NON TEACHING STAFF OF PRESIDENCY UNIVERSITY



SUCCESS STORIES



PRESIDENCY UNIVERSITY

Congratulates

DR. MALAY DAS
DEPARTMENT OF LIFE SCIENCES

for getting elected as a fellow
of the West Bengal Academy of Science and Technology
(WAST) for the year 2025.



**Congratulations to
DR. GEORGE BISWAS**

(Assistant Professor,
Department of Geology,
Presidency University, Kolkata).

He has successfully
completed the Desert
(Border Ultra) 100 km
endurance run held from
6th to 7th December,
covering the challenging
route from Jaisalmer to
Longewala.

FAREWELL

"Presidency University extends its heartfelt gratitude and wishes Prof. Sreemati Mukherjee, (retiring as Professor at the Department of English and Performing Arts) and Dr. Surajit Bhattacharya (retiring as Controller of Examinations) for their years of dutiful and dedicated service to the institution. We will forever be indebted for their contribution and we wish them the best in their retirement."

