

# **PRESIDENCY UNIVERSITY KOLKATA**

**APRIL 2024**

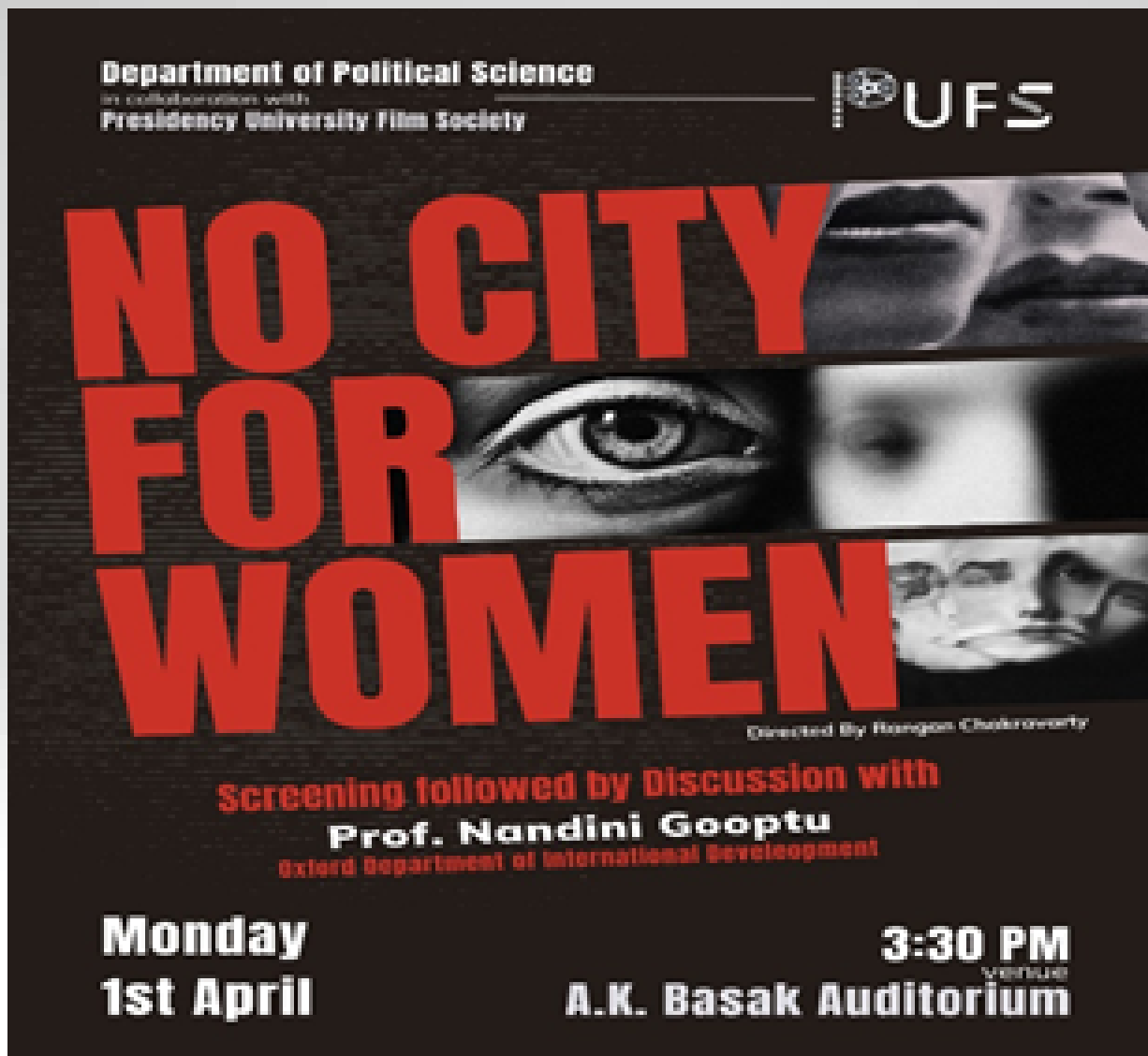


**PRESIDENCY  
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KOLKATA**

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# DEPARTMENT OF POLITICAL SCIENCE



Department of Political Science  
in collaboration with  
Presidency University Film Society

UFS

# NO CITY FOR WOMEN

Directed By Rangan Chakravarty

Screening followed by Discussion with  
**Prof. Nandini Gooptu**  
Oxford Department of International Development

**Monday**  
**1st April**

**3:30 PM**  
Venue  
**A.K. Basak Auditorium**

## FILM SCREENING AND DISCUSSION :

Film screening was organized jointly by the Department of Political Science and Presidency University Film Society, a student run society on 1st April 2024 at 3.30 pm at A K Basak Auditorium. The film 'No City for Women' is an ESRC funded film directed by Rangan Chakravarty under the academic guidance of Prof. Nandini Gooptu from the University of Oxford. It is based on testimonies and oral narratives of women from different backgrounds, who inhabit the city in India , with a focus on Gurgaon- the Millennium City. After the screening, the discussion around the theme of the film continued for an hour, where nearly eighty students participated actively and shared pertinent insights on gender in urban spaces in the context of Kolkata as well. There were also discussions around intimacy, insidious violence on women and patriarchy in everyday lives

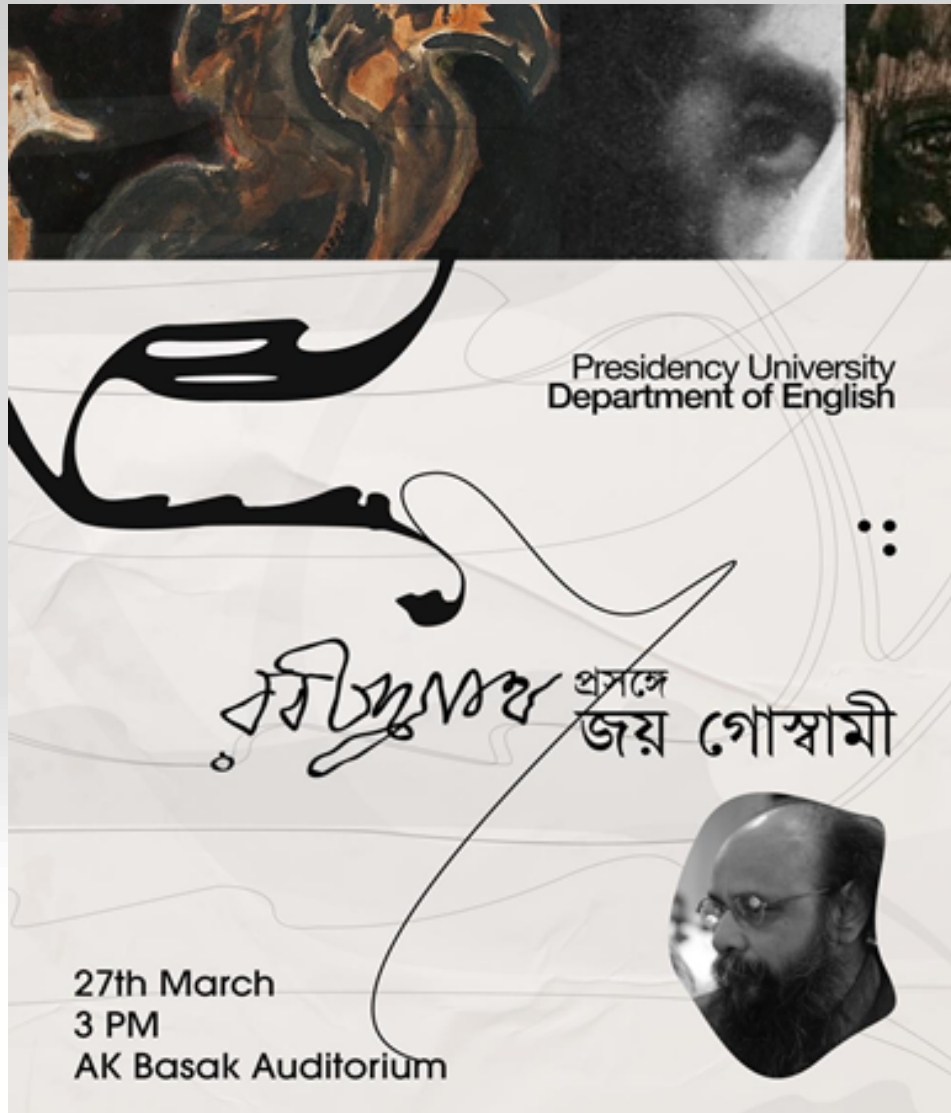
# SCHOOL OF ASTROPHYSICS



## COLLOQUIUM AT THE SCHOOL OF ASTROPHYSICS

On 3rd of April, 2024 the school of Astrophysics had Dr. Bidisha Bandyopadhyay from the University of Concepcion, Chile as the speaker in their Colloquium series. The Title of the talk was "Peeping close to the horizons of supermassive black holes in the heart of AGN." AGN which stands for Active galactic nuclei (AGN) are the most powerful and brightest sources in the Universe which are believed to be driven by the accretion mechanism around the supermassive black hole at the center of these systems. The speaker also discussed the extraction of various emission features with current high resolution facilities or with future Earth-space based very long baseline interferometry (VLBI) facilities. Almost Twenty-eight students gathered for the talk.

# DEPARTMENT OF ENGLISH



## RABINDRANATH PROSONGE JOY GOSWAMI

The Department of English, Presidency University, organised the March Talk of the Month titled “Rabindranath Prosonge Joy Goswami” on March 27, 2023. Eminent poet and intellectual Joy Goswami collaborated with noted thespian and artist Saibal Basu to comment on the relationship of music and lyrical themes in Rabindranath Tagore’s songs. Drawing parallels between the different ragas used in Tagore’s melodies and the conceptual frameworks he used to convey the essence of love, desire, longing and separation, Goswami delivered a fascinating lecture. Saibal Basu accompanied the primary speaker with his musical enactment of Tagore’s songs while Goswami interjected with rich critical commentaries and engaged in conversation with Basu as well as the audience. With the auditorium overflowing with enthusiastic audience consisting of students, faculty members and general public from within and outside the university, the almost two-hour-long seminar was a raging success

# DEPARTMENT OF PERFORMING ARTS



## SEMINAR-WORKSHOP ON THEATRE

Department of Performing Arts in association with Rashbehari Shailushik organised a Seminar-Workshop on acting, solo acting, voice projection on 15.03.2024. The resource person was renowned theatre artist and director Sri kamaleshwar Mukherjee. Workshop was conducted by the members of Rashbehari Shailushik. Almost thirty students attended the workshop

# DEPARTMENT OF SOCIOLOGY



Department of Sociology  
Presidency University  
welcomes you to a talk  
by

Professor Anindita Chakrabarti

**MANY LIVES OF GOLD IN INDIA:  
COMMODITY, COMMUNITIES, AND ECONOMIC CIRCUITS**



## **MANY LIVES OF GOLD IN INDIA: COMMODITY, COMMUNITIES AND ECONOMIC CIRCUITS**

On 1st April 2024, the Department of Sociology had Prof Anindita Chakrabarti of IIT Kanpur as the speaker of a talk titled, "Many Lives of Gold in India: commodity, communities and Economic circuits". The lecture revolved around the changes in the consumption of gold specially post-independence era filled with new regulations and finally whether Keynes' barbarous relic still possess the financial, ritualistic supremacy it had leading to its dominance in different economic circuits. More than forty listeners attended the lecture.



## **DYNAMIC DOPAMINERGIC NEUROMODULATION IN DECISION MAKING IN DROSOPHILA**

Our alumni, Mr. Utsab Majumder, Universitätsklinikum Bonn, Technical University of Munich Bonn, delivered a lecture entitled 'Dynamic dopaminergic neuromodulation in decision making in Drosophila', 2nd April 2024 in the department of Life Sciences. Nearly sixty students attended the lecture focussing on remarkable behavioral flexibility of the animals , crucial for thriving in competitive environments, requiring rapid decision-making rooted in complex neuronal processes. This researcher explores context-dependent goal-directed behavior by studying olfactory foraging in hungry flies. Their work reveals dopamine's pivotal role in decision-making, yet the specific information encoded in dopaminergic circuits remains unclear. Through interdisciplinary methods like optogenetics and functional imaging, they've discovered distinct subpopulations of dopaminergic neurons encoding various state-dependent factors such as hunger and reward. Surprisingly, a single dopaminergic neuron projecting to the mushroom body modulates behavior significantly. Leveraging connectomics and imaging, they aim to further elucidate these mechanisms. hope to shed light on underlying algorithm of information processing and network relationship between neuronal ensembles in state-dependent goal-directed behavior

# PRESISION-2024

## THE PHYSICS SUMMIT OF PRESIDENCY UNIVERSITY



*Dr Ratna Koley delivers her public lecture.*



*Mr Saurabh Salunke from the LIGO Outreach Team showcases LIGO-related demonstrations to participants.*

Presision, which is officially described as the 'Physics Summit' of Presidency University, has been a staple event of the university ever since its inception in 2017. To achieve this, several events were planned, such as popular-level public lectures, open tours of laboratories, etc. It is also worth mentioning at this point that this was the first symposium/conference of its kind in India, solely for undergraduates.

The trademarks of Presision, the two public lectures, were again in full swing this year. One was by Mr Soumyadeep Kundu (MSc Student at the Department of Physics), while the other was by a faculty-member – Dr Ratna Koley (Assistant Professor at the Department of Physics). There was a terrific outreach session focused on the activities of the LIGO India Collaboration. There was also a great talk on LIGO India by Professor Rajesh Nayak, from the Department of Physical Sciences at IISER Kolkata. For the first day, the last event (but definitely not the least!) was a Panel Discussion on 'Careers in Physics & Astrophysics'. The distinguished panelists were Prof Pratik Majumdar (Saha Institute of Nuclear Physics), Prof Abhijit Bhattacharyya (University of Calcutta), Prof Koushik Dutta (IISER Kolkata), and Prof Suchetana Chatterjee (Presidency University).

The events of the first day were also largely covered by the Doordarshan Bangla Channel, who, among other things, took informative, short interviews from the organizers of Presision regarding their views of the Summit and even their own research-works. The panelists were interviewed as well.



# PRESISION-2024



*The Panel Discussion. Present as panelists are (from left) Prof Pratik Majumdar, Prof Suchetana Chatterjee, Prof Koushik Dutta, and Prof Abhijit Bhattacharyya. The discussion was moderated by Mr Arit Bala, Research Scholar at Presidency University.*



*The best presenters of the Symposium with the judges. From left - (top row) Dr Saumyadip Samui (judge), Prof Arabinda Nayak (judge), (bottom row) Prof Swapan Kumar Saha (judge), Ms Fida Fathima S S (best poster presenter), Mr Sarfraj Md Juned Fency (best oral presenter), Mr Abhrajit Nandi (second best oral presenter), Dr Raka Dasgupta (judge)*

The second day saw a plethora of talks as part of the Undergraduate Symposium. The distinguished judges were Dr Raka Dasgupta (University of Calcutta), Prof Arabinda Nayak (Presidency University), Prof Swapan Kumar Saha (Presidency University, visiting faculty), and Dr Saumyadip Samui (Presidency University). The two days of Presision-2024 were able to leave the audience with a renewed curiosity for the wonders of physics & astronomy, which has been its primary goal since it started.