

Report  
on  
**Monthly Faculty Lecture**

Series	June, 2024-25
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Date: 20<sup>th</sup> June, 2025; Time: 2:00 PM

**Title: Creating an Innovative Academic Eco-system: Opportunities and Challenges**

On 20<sup>th</sup> June, 2025 the Monthly Faculty Lecture was held under the aegis of Swami Vivekananda University at JCB block, Hall: 2, where **Prof. (Dr.) Anupam Bose, Raja Ramanna Chair Professor, Jadavpur University, Kolkata, and Former Director, NIT Durgapur, West Bengal**, delivered an insightful lecture on the crucial topic of "*Creating an Innovative Academic Eco-system: Opportunities and Challenges*". The event was graced by the presence of SVU officials, directors of various departments, faculty members, staff, and research scholars, making it a significant gathering of academic and professional minds.

#### **Introduction**

The event commenced with an opening address by **Prof. (Dr.) Ranjan Chakrabarti, Director of Research and Academic Development, SVU**, and the event was chaired by **Prof. (Dr.) Deb Narayan Bandyopadhyay, Chief Executive Director (Academics), SVU**. Prof. Chakrabarti underscored the critical role of academic innovation in shaping future-ready learners and emphasized the need for inclusive, outcome-based education frameworks.

**Prof. Bose** began his insightful lecture by reflecting on the **ancient Nalanda University**, highlighting its rich educational legacy and its relevance to today's academic aspirations. Using Nalanda as a symbolic foundation, he explored the paradigm shifts needed to create a sustainable, inclusive, and dynamic academic ecosystem. Emphasizing the evolving expectations of 21st-century learners and the rapid integration of technology in education, his talk navigated the critical transition from conventional instruction to a model of transformative, learner-centric education—underscoring both the emerging opportunities and inherent challenges along this journey.

#### **Key Highlights of the Lecture**

##### **1. The Role of Universities in the Academic Eco-System**

Prof. Bose opened his talk by revisiting the idea of the university as not merely a center for information dissemination but as a crucible for knowledge creation, critical thinking, and

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social transformation. He emphasized that in an ideal academic eco-system, the university should function as a **living organism**—constantly evolving in response to societal, technological, and cultural changes. He also called for a stronger alignment between research, teaching, and societal impact.

## 2. Education and Learning: Beyond Memory to Meaning

The speaker delved into the neuroscience and cognitive psychology behind learning. He explained that education must go beyond the **three traditional memory systems**—**sensory memory, short-term memory, and long-term memory**—to engage higher-order functions such as **attention, understanding, reasoning (inference and generation), and expression**. These cognitive weapons, as Prof. Bose described them, should be at the core of curriculum development and instructional design.

He noted that while rote memorization once formed the backbone of education, the modern learner must be trained in **understanding concepts, applying knowledge, and expressing ideas in diverse forms**. This calls for a redesign in both *what to teach* (content) and *how to teach* (pedagogy), as well as in *what to evaluate* and *how to evaluate*.

## 3. Curriculum Innovation: Analysis, Synthesis, and Algorithmic Thinking

A significant segment of the lecture focused on curriculum reform, where Prof. Bose emphasized the need to integrate **analysis, classification, synthesis, data literacy, reasoning, algorithmic thinking, prediction, and validation** into every academic program. He argued that every student, regardless of discipline, must learn how to interpret data, think critically, and design problem-solving frameworks—skills that are vital in a technology-driven world.

## 4. Outcome-Based Education (OBE): A Holistic View

Prof. Bose provided an insightful overview of **Outcome-Based Education**, highlighting its multi-dimensional view of learners that includes:

- **Cognitive State** (how students process and retain information)
- **Social State** (their interpersonal interactions and group dynamics)
- **Learning Style and Approach** (visual, auditory, kinesthetic, reflective, etc.)

He emphasized the necessity of *differentiated instruction*, a strategy that adapts content, process, and assessment based on the needs, interests, and readiness levels of students.

## 5. Differentiated Instruction: Personalized Learning in Practice

Prof. Bose elaborated on the practical strategies of **Differentiated Instruction** as a pathway to inclusive and effective education:

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- **Content:** Provide materials at varying difficulty levels to ensure accessibility.
- **Process:** Use diverse activities such as role-play, simulations, and debates to cater to different learning modalities.
- **Product:** Allow students to choose their method of demonstrating learning—whether through reports, presentations, prototypes, or creative media.

He stressed that one-size-fits-all teaching is ineffective in contemporary classrooms and advocated for a **student-centered instructional model** that values diversity in learning.

#### 6. Universal Design for Learning (UDL): Shaping Flexible Learning Environments

Quoting Alexander den Heijer—“When a flower doesn’t bloom, you fix the environment in which it grows, not the flower”—Prof. Bose introduced **Universal Design for Learning (UDL)**. UDL is a framework that calls for *flexible teaching approaches* to accommodate diverse learning needs. It is founded on three principles:

- **Multiple Means of Representation:** Offer information in different formats (text, visuals, audio).
- **Multiple Means of Action and Expression:** Provide various options for students to demonstrate what they know.
- **Multiple Means of Engagement:** Use strategies that tap into students’ interests and motivations.

#### 7. Culturally Responsive Teaching: Respecting Identity in Education

In an increasingly multicultural academic environment, **Culturally Responsive Teaching** is vital. Prof. Bose highlighted:

- **Incorporating Diverse Perspectives:** Use inclusive content that reflects a range of cultural narratives.
- **Building Relationships:** Foster trust and belonging by acknowledging and respecting students’ cultural identities.
- **High Expectations with Support:** Promote rigorous standards while providing equitable opportunities for all students to succeed.

This approach, he argued, not only promotes equity but also enhances engagement and academic performance.

#### 8. Inclusive Assessment Practices

Prof. Bose underscored those assessments *should empower, not exclude*. He offered strategies for **Inclusive Assessment**, including:

- **Varied Assessment Methods:** From traditional exams to portfolios, projects, and peer assessments.

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- **Accessible Formats:** Consideration for learners with disabilities, language barriers, and socio-economic challenges.
- **Constructive Feedback:** Ongoing, formative feedback to guide learners toward mastery.

### 9. Collaborative Learning as a Pedagogical Pillar

Highlighting the social nature of learning, the speaker encouraged the adoption of **Collaborative Learning** methods such as:

- **Group Projects:** Encouraging peer interaction and knowledge co-construction.
- **Peer Teaching:** Enhancing understanding through mutual explanation.
- **Discussion Forums:** Enabling asynchronous and reflective dialogue across diverse student populations.

### 10. Leveraging Technology to Bridge Gaps

Prof. Bose concluded the core of his lecture by discussing the strategic use of **educational technology** to enhance access, inclusion, and personalization:

- **Assistive Technologies:** Tools that help learners with specific challenges (e.g., screen readers, voice-to-text).
- **Adaptive Learning Platforms:** Systems that adjust learning pathways based on individual progress.
- **Online Resources and MOOCs:** Democratizing access to world-class learning experiences.

He advocated for the responsible and ethical use of technology in education, where human values and critical thinking are not overshadowed by digital convenience.

### Interactive Session

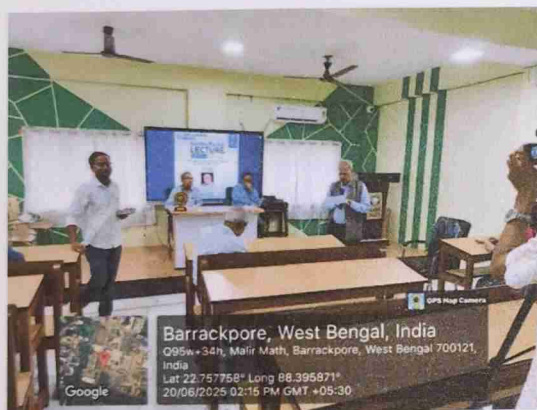
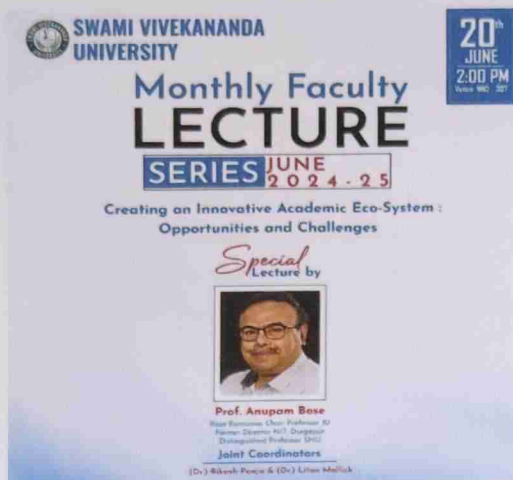
The lecture was followed by a dynamic Q&A session, during which faculty members and students raised thought-provoking questions on practical implementation, curriculum reengineering, and balancing traditional academic rigor with modern flexibility. Prof. Bose addressed each query with thoughtful clarity, offering both strategic insights and actionable recommendations.

### Concluding Remarks

The session concluded with a heartfelt vote of thanks delivered by Prof. (Dr.) Bikash Panja, Department of Mechanical Engineering, SVU. He expressed deep appreciation for Prof. Anupam Bose's visionary perspective and his practical approach to reforming academia. Prof. Panja emphasized that the lecture had ignited a renewed sense of purpose among educators to contribute actively to academic transformation.

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### Glimpses for Lecture Session:

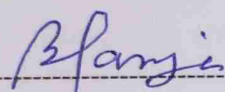


### Impact and Takeaways

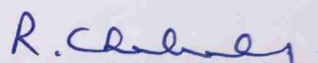
The lecture made a significant impact on the academic community, particularly among curriculum designers, educators, and policy planners. Key takeaways included:

- The urgent need for **curricular and pedagogical reform** based on cognitive science, inclusivity, and technological integration.
- Adoption of **Differentiated Instruction and UDL** principles to address learner variability.
- Strengthening academic ecosystems by creating **equitable, flexible, and student-centered learning environments**.
- Redefining assessment not as a gatekeeper, but as a pathway to meaningful learning.

The session served as a catalyst for introspection and reform, reaffirming the university's commitment to nurturing future-ready, compassionate, and competent graduates. Participants expressed enthusiasm for implementing the ideas discussed and requested follow-up workshops for deep-dive training in innovative teaching methodologies.



Dr. Bikash Panja  
Joint Co-ordinator  
Monthly Faculty Lecture Series, SVU



Prof. (Dr.) Ranjan Chakrabarti,  
Director, Research & Academic  
Development, SVU



Dr. Liton Mallick  
Joint Co-ordinator  
Monthly Faculty Lecture Series, SVU





# SWAMI VIVEKANANDA UNIVERSITY

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Date: 18<sup>th</sup> June, 2025

To

**Prof. Anupam Bose**

Raja Ramanna Chair Professor  
Jadavpur University  
Kolkata – 700 032

**Subject: SVU Faculty Lecture Series June 2025, Invitation regarding**

Dear Professor Bose,

Greetings from SVU!

At the outset, we would like to acknowledge your significant contributions in the field of research and academic administration.

Swami Vivekananda University, Barrackpore, West Bengal, organizes a Faculty Lecture every month under its Monthly Faculty Lecture Series. It is with great pleasure that I invite you, on behalf of the University, to deliver the Distinguished Faculty Lecture on **"Creating an Innovative Academic Eco-System: Opportunities and Challenges"** on **June 20, 2025 at 2 pm** in our campus.

Your expertise and insights will be invaluable in enriching the program, and your lecture will be a source of inspiration for our faculty members and research scholars.

We would greatly appreciate a line of confirmation at your earliest convenience.

For any further information or clarification, please feel free to contact me or Dr. Liton Mallik at Mobile No. 7003185671.

With best regards,

**Professor Ranjan Chakrabarti,**

Director Research and Academic Development, Swami Vivekananda University  
Hony. Visiting Professor, Jadavpur University  
Former Vice Chancellor of Vidyasagar University and Netaji Subhas Open University (WB)

Campus : Telinipara, Barasat - Barrackpore Rd. Bara Kanthalia, West Bengal - 700121.

Corporate Office : Sonarpur Station Rd. Karbala More, Kumarkhali, Narendrapur, Kolkata, West Bengal 700103

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E-mail : [info@swamivivekanandauniversity.ac.in](mailto:info@swamivivekanandauniversity.ac.in), Contact : 033 2428 3035



Bikash Panja &lt;bikashp@svu.ac.in&gt;

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**Fwd: Invite**

2 messages

**Director, Research & Development** <director.research@svu.ac.in>

Thu, Jun 19, 2025 at 10:21 AM

To: Bikash Panja &lt;bikashp@svu.ac.in&gt;

**SVU Monthly Faculty Lecture Series (Lecture 9) on 20th June 2025, Invitation regarding**

Prof Panja may kindly circulate among our esteemed HODs

Dear Esteemed Head of the Department,

Greetings !

Swami Vivekananda University, Barrackpore, West Bengal, regularly organizes a monthly Faculty Lecture Series and it is delivered by a distinguish scholar from within SVU or outside.

In this context, I am pleased to invite you to kindly make it convenient to attend the upcoming Faculty Lecture of the University on 20th June 2025, to be delivered by Professor Anupam Bose, Raja Ramanna Chair Professor at Jadavpur University and Former Director NIT, Durgapur **at 2.00 pm. The title of his Lecture is 'Creating an Innovative Academic Eco-System : Opportunities and Challenges'. Please find the poster of this event attached herewith for your kind perusal.**

Your graceful presence along with your departmental colleagues shall enrich the program and inspire our faculty and research scholars.

Please make it convenient to attend.

Warm regards

Sincerely

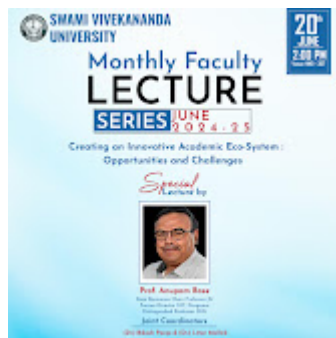
Ranjan Chakrabarti

Director

Research and Academic Development

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**Bikash Panja** <bikashp@svu.ac.in>

Thu, Jun 19, 2025 at 1:03 PM

To: abirs@svu.ac.in, Ranjan Kumar <ranjank@svu.ac.in>, "Dr. Sudip Das" <sudipdas1380@gmail.com>, digantab@svu.ac.in, ranjankm@svu.ac.in, subhabratat@svu.ac.in, tanmoys@svu.ac.in, prithap@svu.ac.in, souravm@svu.ac.in, dipanwitag@svu.ac.in, manisham@svu.ac.in, nilanjanam@svu.ac.in, olyb@svu.ac.in, subhranilm@svu.ac.in, rituparnac@svu.ac.in, pramitir@svu.ac.in, litonm@svu.ac.in, anirbanh@svu.ac.in, kallalb@svu.ac.in, debanjalia@svu.ac.in, Sujoy Bhowmik <sujoyb@svu.ac.in>, subratan@svu.ac.in, najnin.islam92@gmail.com, kazi hasibur rahman <via.kazi786@gmail.com>, sudips@svu.ac.in, srijanh@svu.ac.in, subhasiss@svu.ac.in, arups@svu.ac.in, moumitad@svu.ac.in, papiam@svu.ac.in, rajend@svu.ac.in, shubhamb@svu.ac.in, moumitac@svu.ac.in, Amitava Bhowmick <amitavabmce@gmail.com>, shantanuc@svu.ac.in  
Cc: director.research@svu.ac.in, deputy.registrar@svu.ac.in, abhishek.dhar@svu.ac.in, sourav@svu.ac.in

Dear all HODs and Research Coordinators

Please find the invitation to the upcoming said program and circulate among our faculty members, research scholars and students. We encourage your participation and look forward to your valuable presence.

[Quoted text hidden]

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Thanks & Regards.

**Dr. Bikash Panja**

**Professor, Department of Mechanical Engineering  
School of Engineering, Swami Vivekananda University  
Kolkata - 700121, India**

Mobile: (+91) 9635973141



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# Monthly Faculty Lecture Series

## Swami Vivekananda University



Barrackpore - Barasat Rd, Sewli Telinipara, Malir Math,

Bara Kanthalia, West Bengal 700121

June - 2025

20/06/2025

SL No.	Name	Department	signature
1	Dr. Oly Banerjee	MLT	Oly Banerjee
2	Swarnali Adhikary	MLT	Swarnali Adhikary
3	Ananya Mandal	MLT	Ananya Mandal
4	Wasim Fozz Molla	MLT	Wasim Fozz Molla
5	Somsubhra Gupta	CSL	Somsubhra Gupta
6	Tanmay Kal.	Math	Tanmay Kal.
7	Kazi H. Rahman	Phys.	Kazi H. Rahman
8	Dr. Subhrajyoti Dey	Physics	Dr. Subhrajyoti Dey
9	Souvik Roy	Chemistry	Souvik Roy
10.	Nojnin Islam	Math	N. Islam.
11.	Dr. Jagannath Chakraborty	Food and Nutrition	Dr. Jagannath Chakraborty
12.	Subhabrata Mandal	Math	Subhabrata Mandal
13	ARJIT DAS	math	Arjit Das
14.	Dr. Poo Sarmui	Mathematics	Poo Sarmui
15.	Dr. Arpita Sarkar	Chemistry	Arpita Sarkar

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## Swami Vivekananda University



Barrackpore - Barasat Rd, Sewli Telinipara, Malir Math,

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June - 2025

20/06/2025

SL No.	Name	Department	signature
1.	Shreya Baragi	LAW	
2.	Tanushree Saha.	LAW	
3.	Lamiya Sultana	LAW	
4.	Souvan Karmakar.	Optometry	
5.	Rikta Paul	Optometry	
6.	DIPANNITA GHOSH	OPTOMETRY	
7.	ANUSUYA DAS	OPTOMETRY	
8.	Soumyarup Bhattacharya	English	
9.	ANIRBAN BANERJEE	ENGLISH	
10.	SUDIPTA DUTTA	ENGLISH	
11.	Girindar Das	English	20.06.25
12.	PAROMITA MUKHERJEE	FOOD & NUTRITION	P. Mukherjee 20.6.25.
13.	DR. RUPALI DHARA MITRA	FOOD & NUTRITION.	RD Mitra 20.06.25
14.	Dr. Mounika Dev	FOOD & NUTRITION	Dev 20/6/25
15.	Dr. Mounika Das	Food and Nutrition	MDas 20/6/25
16.	Sujoy Bit	Multimedia and Animation	SBit 20/6/25
17.	Jayanti Roy	Multimedia and Animation	JRoy 20/6/25
18.	MIKAIL AZIZ	MULTIMEDIA & ANIMATION	20/06/2025
19.	Tannoy Mijhi	Agricultural Engineering	20/6/25



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## Swami Vivekananda University



Barrackpore - Barasat Rd, Sewli Telinipara, Malir Math,

Bara Kanthalia, West Bengal 700121

June - 2025

20/06/2025

SL No.	Name	Department	signature
1.	Swagata Mukherjee	BSCMA	S. Mukherjee
2.	Ranit Mondal	BSCMA	R. Mondal
3.	Debmalya Sarkar	BSCMA	D. Sarkar
4.	Avijit Aich	BSCMA	Avijit Aich
5.	Suvasit Aich	BSCMA	Suvasit Aich
6.	Urmila Bhattacharya	BSCMA	Urmila Bhattacharya
7.	Simranjeet Singh	BSCMA	Simranjeet Singh
8.	Sradha Goswami	BSCMA	Sradha Goswami
9.	Abhrajit Chakraborty	BSCMA	A. Chakraborty
10.	Rupak Karmakar	BSCMA	Rupak Karmakar
11.	Mousumi Rabidas	BSCMA	Mousumi Rabidas
12.	Chayan Paul.	BSCMA	Chayan Paul.
13.	Nisha Das.	BSCMA	Nisha Das.
14.	Trishan Ghosh	BSCMA	Trishan Ghosh
15.	Debasjyoti Ghosh	BSCMA	Debasjyoti Ghosh
16.	Sudipta Manna	BSCMA	Sudipta Manna

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## Swami Vivekananda University

Barrackpore - Barasat Rd, Sewli Telinipara, Malir Math,

Bara Kanthalia, West Bengal 700121

June – 2025

20/06/2025

SL No.	Name	Department	signature
	SUJOY GOSWAMI	Journalism and Mass Communication	Sjoyasami
	ARIJIT DAS	Journalism & Mass Communication	Arijit Das
	PRITHA MISRA	Journalism & Mass Communication	Pritha
	JAYATI MAITI	Education	Jayati
	RAJEN DEY	MLT	Rajen
	MANDJIT BYSACK	MLT	Mandjit Bysack
	Bikrom Maity	MLT	Bikrom
	Rupak Bera	MLT	Rupak
	Souvik Tewari	Food and Nutrition	Souvik
	Mahendrakumar Jena	Branding & Promotion	Mahendrakumar
	Souvik Chakrabarty	Multimedia & Animation	Souvik Chakrabarty
	Sunayana Ghosh Dastidar	BPT	Sunayana
	Sankhita Bose	BPT	Bose
	Souzen P.P.T	BPT	Souzen
	Lena Sankar	Psychology	Lena
	Papia Mukherjee	Psychology	Papia

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Bara Kanthalia, West Bengal 700121

20/06/2025

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20/06/2025

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