



SWAMI VIVEKANANDA UNIVERSITY

# NEWSLETTER

SCHOOL OF BASIC SCIENCES

VOL I, ISSUE III

JULY - SEPTEMBER  
2024

# MESSAGE FROM THE HOD

It gives me immense pleasure to connect with you through this edition of our newsletter. The School of Basic Sciences continues to uphold its commitment to academic excellence, research, and innovation. Our dedicated faculty and bright students are making remarkable strides in their respective fields, contributing to the ever-expanding frontiers of knowledge. This year, we have witnessed significant achievements, from groundbreaking research publications to student accomplishments in national and international forums. Our department remains focused on fostering a culture of inquiry, curiosity, and collaboration, ensuring that our students receive the best foundation in the fundamental sciences. I take this opportunity to extend my heartfelt gratitude to our faculty, researchers, and students for their unwavering dedication. Let us continue to strive for excellence and work towards making meaningful contributions to science and society.



Dr. SUBHABRATA  
MONDAL  
HOD and Assistant  
Professor  
School of Basic Sciences

# MESSAGE FROM THE CONVENOR

The School of Basic Sciences is committed to fostering a culture of curiosity, innovation, and academic excellence. As we embark on another exciting semester, I encourage everyone to explore the wonders of science, collaborate across disciplines, and push the boundaries of knowledge. Let's make the most of the opportunities ahead, whether in the lab, classroom, or beyond. Together, we can achieve remarkable milestones and contribute meaningfully to the scientific community. Wishing you all a productive and inspiring term ahead!



Dr. KAZI HASIBUR  
RAHMAN  
Assistant Professor  
School of Basic Sciences

# Editor's Note

## TEACHER EDITOR'S

We would like to thank to HOD Sir, Senior Teachers, Members of Editorial team and Contributors of articles for their contribution for second edition of Newsletter in 2024.

The content of this Newsletter includes latest developments in Science and interesting Articles. It is a proud moment for us to be part of Editorial team. This Newsletter provides a source of inspiration to students to find absorbing interest in Science.



**Mr. Tanmoy Pal**

Assistant Professor  
School of Basic Sciences



**Dr. Shilpa Maity**

Assistant Professor  
School of Basic Sciences

# Events

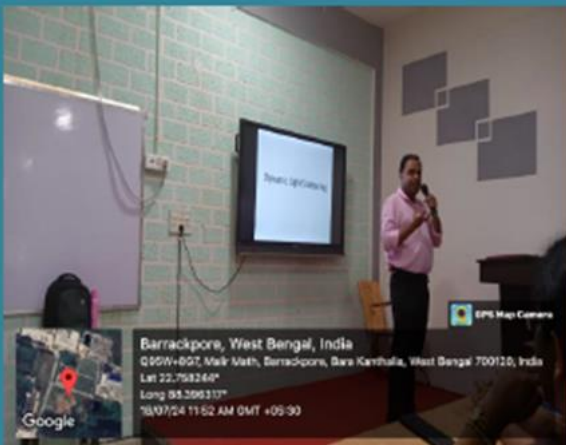
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Unified Approach



# Lecture on Importance of Bio-Physics

18th July, 2024



A lecture on Importance of Bio-Physics for Engineering Students) held at Swami Vivekananda University on 18th July, 2024. Biophysics is an interdisciplinary field that combines principles of physics and biology to study biological systems. For engineering students, especially those in biomedical engineering, biotechnology, or related fields, biophysics offers essential insights and tools to tackle challenges at the intersection of biology and technology.

# Teachers' Day Celebration

5th September, 2024



The signing of a Memorandum of Understanding (MoU) between Swami Vivekananda University and Sri Ramkrishna Vidya Mahapitha is a significant step towards fostering academic and research development, particularly in the field of basic sciences.

Objectives of the MoU:

- Collaboration in Research: Joint research initiatives in areas of fundamental sciences to enhance knowledge creation.
- Student Development: Opportunities for students to engage in collaborative projects, internships, and skill-enhancement programs.
- Resource Sharing: Mutual access to laboratory facilities, libraries, and other academic resources.

# 1st International Conference on Sustainable Research and Development (ICSRD 2024)

25th, 26th September, 2024



SVU organized an International Conference on Sustainable Research and Development from 25th September to 26th September, 2024. Faculties and students of the department of Mathematics are active participation in this programme. Scholars, researchers and ongoing students present their latest findings, advancements, and innovations in engineering in sustainable research and development. The Conference on Sustainable Research and Development is a global forum that brings together academics, industry experts, and policymakers to discuss advances in sustainable development practices. This conference provides a platform for sharing research findings, innovative solutions, and strategies to address pressing sustainability challenges, including climate change, resource management, and economic growth.