



SWAMI VIVEKANANDA UNIVERSITY

NEWSLETTER

SCHOOL OF BASIC
SCIENCES

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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 thanks 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 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

Unified Approach

International Conference on Engineering Design and Computing (ICEDC)-2024

22th-24th February, 2024



Swami Vivekananda University is proud to host the International Conference on Engineering Design and Computing (ICEDC), bringing together researchers, academicians, industry professionals, and students from around the world. This prestigious event aims to foster discussions on cutting-edge advancements, innovative methodologies, and emerging trends in the fields of engineering design, computational technologies, and digital transformation. The conference will feature keynote speeches by renowned experts, paper presentations, technical workshops, and interactive panel discussions. Topics will include artificial intelligence in engineering, computational modeling, sustainable design, automation, and smart technologies. Participants will have the opportunity to present their research, collaborate with global professionals, and explore new frontiers in engineering and computing. ICEDC provides an excellent platform for knowledge exchange, networking, and academic-industry collaborations. Researchers and innovators are invited to submit their papers and showcase their contributions to the ever-evolving world of engineering and computing.

MoU signed between Swami Vivekananda University and Sri Ramkrishna Vidya Mahapitha

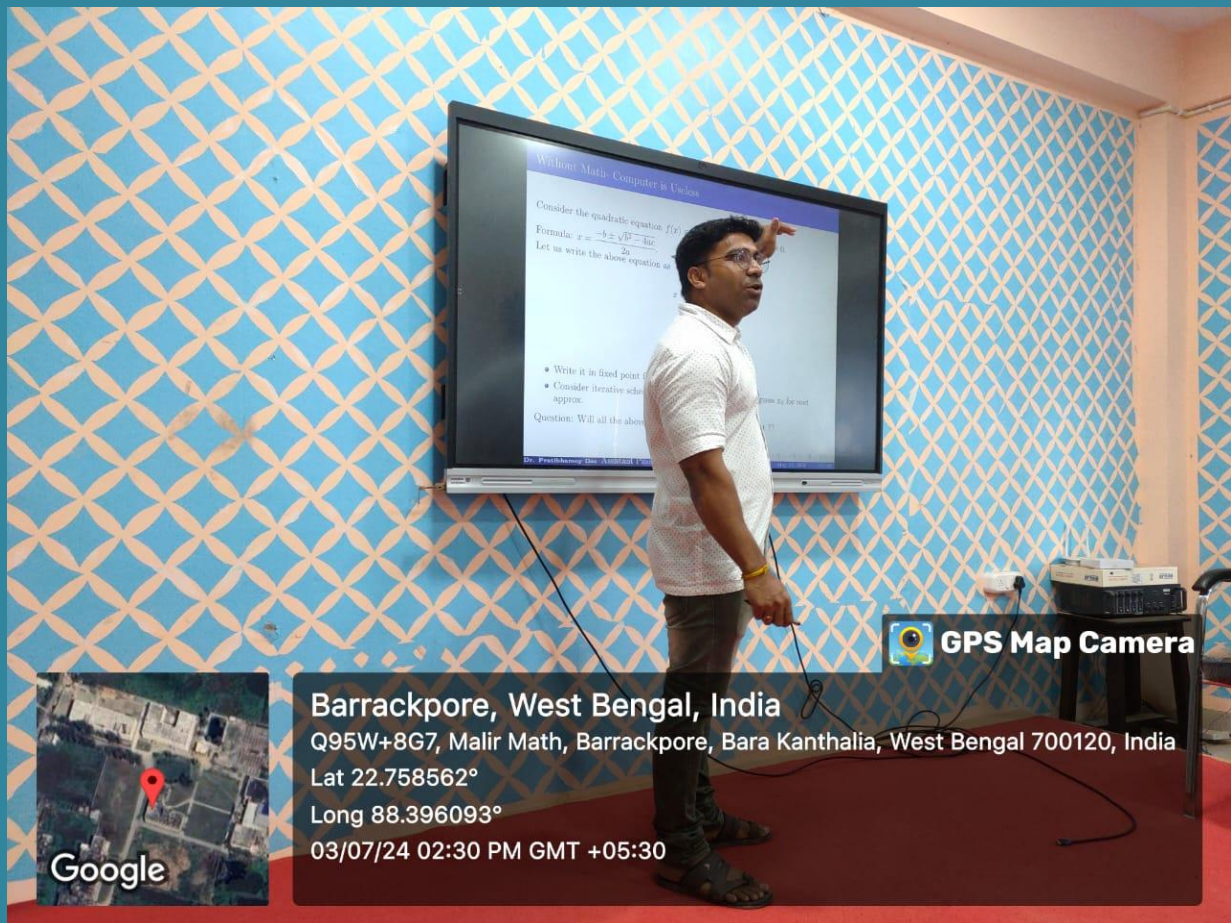
15th March, 2024



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. Innovation and Problem-Solving: Joint efforts to address challenges in science education and research through innovative solutions. This partnership aligns with the vision of promoting higher education and research excellence inspired by the philosophies of Swami Vivekananda and Sri Ramakrishna, emphasizing scientific inquiry and holistic development.

Special Lecture on Mathematics

7th March, 2024



Swami Vivekananda University proudly presented an insightful lecture on Scientific Computing, organized by the Department of Mathematics. This event aims to deepen understanding and appreciation of mathematical concepts and their real-world applications. Dr. Pratibhamoy Das (IIT Patna), a distinguished expert in the field, will share valuable insights and engage the audience with thought-provoking discussions. The lecture was organized on 7th March, 2024 in Annex Building, Hall 1. Faculty, students, and mathematics enthusiasts were attended this enriching session.