



# SWAMI VIVEKANANDA UNIVERSITY



Excellence | Innovation | Entrepreneurship

## Department of Civil Engineering

### Members

1. **DR. ABIR SARKAR**  
HOD and Asst. Prof., SVU  
PhD, NIT Silchar
2. **Prof. Dr. SOMENDRANATH ROY**  
Professor., SVU (Adjunct, Prof. Emeritus).
3. **DR. ASHES BANERJEE**  
Asst. Prof., SVU, PhD, IIT (ISM) Dhanbad, Post-Doc, IIT Guwahati.
4. **DR. NILANJAN TARAFDER**  
Asst. Prof., SVU, PhD, NIT Silchar.
5. **MR. SUNIL PRIYADARSHI**  
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5. **MRS. DEBANJALI ADHIKARY**  
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6. **DR. AVISHEK ADHIKARY**  
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7. **DR. TAMAL KUNDU**  
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8. **MS. SUSHMITA GHOSH**  
Technical Assistant
9. **MRS. INDRANI HALDER**  
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10. **MS. PRIYANKA HALDER**  
Technical Assistant
11. **MS. BANYA DE**  
Technical Assistant

### Infrastructural Development of SVU Campus

The department of civil engineering has begun planning for the growth of the SVU campus with the primary objective of creating a green and sustainable campus.



### Drainage System Design

The Dept. of Civil Engineering is brimming with pride, due to the successful completion of a drainage design project, completed and sanctioned by Block Development Authority. With Dr. Ashes Banerjee and Mr. Dhiman Pal leading, the dept, saw a successful authentication and implementation of critical drainage system design, leading to a massive benefit of Patulia Block, plagued by incompetent drainage and subsequent problems. The Dept. hopes to implement similar future projects having practical applications for the betterment of society.







## *Centre of Excellence Inauguration: A New Milestone in Industry–Academia Collaboration*

The Department of Civil Engineering proudly inaugurated a Centre of Excellence (CEO) in collaboration with UltraTech Cement Ltd., a leading name in the field of construction materials. The event marked a significant step towards bridging the gap between academic learning and industrial application.

The inauguration ceremony witnessed the gracious presence of respected faculty members, university dignitaries, and enthusiastic students from various departments. Representatives from UltraTech Cement shared their insights into cutting-edge cement technologies, sustainable construction practices, and the future scope of material innovation in the civil engineering sector.

The establishment of this Centre of Excellence aims to provide students with hands-on training, research opportunities, and exposure to real-world industrial practices. Through workshops, seminars, and joint research programs, the CEO will serve as a platform to enhance students' technical competencies and industry readiness. Hon'ble Vice-Chancellor and senior officials of UltraTech Cement emphasised the importance of industry–academia collaboration in nurturing skilled professionals who can contribute meaningfully to India's infrastructure growth. The event concluded with an interactive session between students and industry experts, followed by a vote of thanks.

This initiative reflects Swami Vivekananda University's continuous commitment to excellence in education, innovation, and sustainable development in partnership with leading industrial organisations.

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## Placements



Any educational institution can determine whether firms are interested in employing students due to their potential influence on the future job market. Ten of the students in the civil engineering department will soon begin working at four different companies viz. Janardan Nirmal private Ltd, Alliance Construction, Vedam Design, and R& R Infraproject Ltd, the department formally announced.



### *Industrial Training at CSIR-CGCRI, Kolkata*

The students of Department of Civil Engineering witnessed a prestigious 3-days training program at the Central Glass and Ceramic Research Institute (CGCRI), Kolkata. Spearheaded by Prof. Dr. Somendranath Roy, the students got to know and understand closely the working principles of the instruments commonly used, thus enriching their minds and sharpening their skills for future development. The program churned out their hidden interests in learning and gathering knowledge, and ended with them getting certificates for the training, which will be their asset for lifetime.

### *List of Publications*

1. **Tamal Kundu**, Apurba Pal, Alope Kumar Datta, Pijush Topdar (2025) "Study and development of a novel IoT-based ANN model for real-time damage detection in rail section" International Journal of Structural Integrity (Emerald) <https://doi.org/10.1108/IJSI-11-2024-0182>