

**SWAMI VIVEKANANDA
UNIVERSITY**



NEWS LETTER

VOLUME-I, ISSUE-4

Department of Computer
Science & Engineering

THE COMPUVERSE



SWAMI VIVEKANANDA UNIVERSITY

EXCELLENCE. INNOVATION. ENTREPRENEURSHIP

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Computer Science serves as the foundation for various technological advancements that the world sees today. The field has grown by leaps and bounds. The future innovations that it brings along never seem to slow down. Yet another beauty of computer science is that it finds a place in many interdisciplinary fields as well. With these, there also comes a necessity to keep up to the global demand of finding highly skilled engineers and scientists. Swami Vivekananda University, one of the top-ranked universities in India drives on the purpose of providing quality education and improving competence among students thereby living up to its motto, 'Progress Through Knowledge'.

PROGRAMME OUTCOMES

- A. To apply knowledge of mathematics, science, engineering fundamentals and computing appropriate to Computer Science and Engineering.
- B. To identify, to understand, formulate, analyze and solve engineering problems.
- C. To apply design and development principles in the construction of software systems of varying complexity.
- D. To demonstrate programming, analytical, logical and problem solving skills to solve complex problems of computing.
- E. To use current techniques, skills, and tools necessary for computing practice and engineering practice.
- F. To understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- G. To understand the impact of computing in solutions to the problems in environment and to provide sustainable solutions.
- H. To understanding of professional, ethical, security, and social issues and responsibilities.



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PARTICIPATION IN VIKSHIT BHARAT

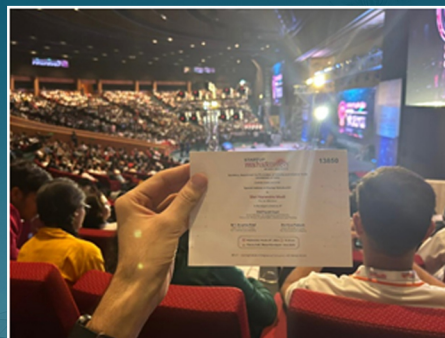
Vikshit Bharat 2047, translating to "Developed India 2047," is a nationwide initiative aimed at fostering comprehensive development across various sectors to propel India into a developed nation by its centenary year. As a participant in this ambitious endeavor, we have had the privilege to engage in activities contributing to this transformative vision with our few department students.

Our involvement in Vikshit Bharat 2047 has been multifaceted, encompassing diverse aspects of societal, economic, and environmental development. Here is an overview of our participation:

Participating in Vikshit Bharat 2047 has been a rewarding experience, enabling us to contribute towards India's journey to becoming a developed nation by 2047. While significant progress has been made, sustained efforts and collective action are essential to overcome remaining challenges and realize the vision of a prosperous, equitable, and sustainable India.

Date: 27.3.24

Submitted by: Manish Dubey, CSE Dept.





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EDITOR'S MESSAGE



Primary objective behind this initiation is to strengthen our ties with our students, alumni, parents, industries and all other stakeholders of the institute. The newsletter intends to act as a communication tool that will not only give information about activities on campus but also will educate, inform and motivate its readers on various issues of interest. It will also provide a platform to an individual to disseminate creative ideas. We are overwhelmed by the response that we received from students, faculties and staff in making this newsletter possible. In this newsletter, we have reported significant achievements and activities of departments as well as faculties. Details of last year events held on campus are also reported. We would like to also thank Dean of Science and Program Coordinators and other faculty members for providing information and valuable suggestions. I hope you will enjoy reading this issue!!!

WHAT IS NEW?

We have a proposal for a Project Laboratory from next semester. That Lab would consist of a heterogeneous environment such as operating system platforms like Windows 11, flavors of Linux; different IDE's like .NET, JAVA, Visual Studio, Oracle and so on. The final year students are provided with a dedicated Project Labs having high end desktops for their final year project.

There is a constant attempt made by the department to provide state of the art resources in the lab to meet the demands of the project ideas requiring cutting edge technology. All these labs are well equipped with sufficient number of printers.





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DEPARTMENTAL SUCCESS STORY

SUROJIT PANJA, in Computer Science and Engineering, School of Engineering, has secured GATE 2024 Rank! His All India Rank (AIR) is 197. He is now 3rd year students in Department of Computer Science and Engineering, School of Engineering. He wishes to secure single digit rank in GATE-2025. We wish him for his bright success!

GATE 2024
GRADUATE APTITUDE TEST IN ENGINEERING 2024
ORGANISING INSTITUTE: INDIAN INSTITUTE OF SCIENCE, BANGALURU

SCORE CARD

Name of the Candidate: **SUROJIT PANJA**

Name of the Parent/Guardian: **CHANDI CHARAN PANJA**

Registration No.: **CS24566531149**

Test Paper: **Computer Science and Information Technology (CS)**

Date of Examination: **February 10, 2024**

GATE Score: **826** *Marks out of 100: **71.24**

All India Rank (AIR) in the test paper: **197** Qualifying Marks: **27.6**

Number of candidates appeared for the test paper: **123967** General: **24.8**

EWS/OBC-NCL: **18.4**

SC/ST/PwD: **18.4**

Prof. Chandra Sekhar Seelamantula
Organising Chairperson, GATE 2024
On behalf of IIT-Bombay
Ministry of Education (MoE)

A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category, for which a valid category certificate, if applicable, must be produced along with this Score Card.

This Score Card is valid up to 31st March 2025.

SAMBIT PATRA, in Computer Science and Engineering, School of Engineering, has secured GATE 2024 Rank! His All India Rank (AIR) is 749. He is now Final year student in Department of Computer Science and Engineering, School of Engineering. We wish him for his bright success!

GATE 2024
GRADUATE APTITUDE TEST IN ENGINEERING 2024
ORGANISING INSTITUTE: INDIAN INSTITUTE OF SCIENCE, BANGALURU

SCORE CARD

Name of the Candidate: **SAMBIT PAUL**

Name of the Parent/Guardian: **LIPI PAUL**

Registration No.: **CS24566515003**

Test Paper: **Computer Science and Information Technology (CS)**

Date of Examination: **February 10, 2024**

GATE Score: **722** *Marks out of 100: **61.71**

All India Rank (AIR) in the test paper: **749** Qualifying Marks: **27.6**

Number of candidates appeared for the test paper: **123967** General: **24.8**

EWS/OBC-NCL: **18.4**

SC/ST/PwD: **18.4**

Prof. Chandra Sekhar Seelamantula
Organising Chairperson, GATE 2024
On behalf of IIT-Bombay
Ministry of Education (MoE)

A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category, for which a valid category certificate, if applicable, must be produced along with this Score Card.

This Score Card is valid up to 31st March 2025.

SUVAYU CHATTOPADHYAY, in Computer Science and Engineering, School of Engineering, has secured MAT 2024 Rank! He is now 4th year students in Department of Computer Science and Engineering, School of Engineering. He secured 99.56 percentile in all India MAT! We wish him for his bright success!

AIMA
ALL INDIA MANAGEMENT ASSOCIATION

MAT-Score®
Management Aptitude Test

TEST MONTH & YEAR: **February 2024**

REGISTRATION NUMBER: **704934**

ROLL NUMBER: **745706934**

NAME: **Suvayu Chattopadhyay**

GENDER: **Male**

DEGREE: **B.Tech**

FATHER'S NAME: **SAMRAT CHATTOPADHYAY**

DOB: **13/06/2000**

CATEGORY: **General**

WORK EXPERIENCE (Months): **0**

MOTHER'S NAME: **PAPRI CHATTOPADHYAY**

SCALED SCORES

| Language Comprehension | | Mathematical Skills | | Data Analysis & Sufficiency | | Intelligence & Critical Reasoning | | Indian & Global Environment | |
|--------------------------------|------------------|--------------------------------|------------------|---------------------------------|------------------|-----------------------------------|------------------|-----------------------------|------------------|
| Scaled score | Percentile Below | Scaled score | Percentile Below | Scaled score | Percentile Below | Scaled score | Percentile Below | Scaled score | Percentile Below |
| 63.46 | 92.76 | 78.06 | 99.30 | 90.50 | 99.59 | 74.32 | 98.46 | 62.02 | 98.30 |
| Composite Score: 778.50 | | Percentile Below: 99.56 | | SCORE VALID UPTO: February 2025 | | | | | |

AIMA