



# **S-VYASA**

*(Deemed to be University u/s 3 of the UGC Act, 1956)*

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## **SCHOOL of ADVANCED STUDIES**

**Monthly Report-2025**

**March**

**Department of Engineering and Technology**

**S-VYASA Deemed to be University**

**School of Advanced Studies**

## 1. Introduction

This report outlines the key academic, co-curricular, and engagement activities of the Department of Engineering and Technology at the School of Advanced Studies, S-VYASA Deemed to be University for March and April 2025. These months witnessed continued efforts in strengthening academic delivery and fostering active student participation through scientific and creative platforms.

## 2. Academic Activities

- First Internal Assessment:

The first Internal Assessment (CIA) for the B.Tech program was conducted during March. Evaluation was promptly completed, and detailed feedback was shared with students through class discussions to ensure better clarity and improvement.

## 3. Institutional/Departmental Initiatives

### • Science Day Celebration – 1st March 2025:

The department celebrated National Science Day with a vibrant line-up of events aimed at encouraging scientific thinking among students.

Highlights included:

- Science Quiz: Covered general science, current developments, and analytical rounds.

Winners:

1st Prize: Ramanee Kaanth R S, Rithesh, Yekkerala Aakarsh (BTech)

2nd Prize: Chinamay Basavraj Hanji, Yuktha S, Yashawanth S B (BTech)

- 3rd Prize: Sumanth and Gagan (BTech)

Coding Battle: Assessed problem-solving and coding efficiency.

Winners:

1st Prize: Bhushan V S

2nd Prize: Nishant

3rd Prize: Sanjay S

- Science Model Exhibition: Students showcased working models and ideas in areas like smart technologies, sustainability, and biomedical innovations.

Winners:

1st Prize: Pragna B B, Sanjana D, Princess Olivia

2nd Prize: Nishant and Suraj Kumar

The day concluded with a prize distribution ceremony that honored winners with cash awards and certificates.



- **Guest Lectures / TechTalks**

Kalvium TechTalk – 1st March 2025 (Online):

An industry session on "Database Internals" was conducted by Mr. Anand Rastogi, Founder of Succesship. Students were introduced to the architecture of database systems, covering topics such as indexing, storage engines, and transaction processing. The session aimed to bridge theoretical knowledge with real-world applications in backend technologies.

#### **4. Student Engagement Activities**

Mathematics Treasure Hunt – 1st April 2025:

As part of the Student Engagement Program (SEP), a Mathematics Treasure Hunt was conducted by the Mathematics faculty for 2nd semester B.Tech Cyber Security ('C' section) students. Held at 10:05 AM on 1st April, the event combined adventure with applied mathematics.

Key Highlights:

Clues and puzzles based on linear algebra (eigenvalues), differential equations, binary-to-decimal conversion, coding/decoding, and probability. 4 teams of 4 students each participated. All teams were awarded based on completion time.

The activity was well-received, promoting collaboration and logical thinking.

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