Swarnandhra College of Engineering and Technology
Department: Master of Computer Applications
Date: 14 March 2026
Venue: PGLH 08

Under the guidance of ANL Kumar, Department of MCA organized a Java Quiz Competition on 14 March 2026 at PGLH 08. The event was conducted to encourage students to enhance their knowledge of Java programming and to promote a spirit of healthy academic competition.

The quiz competition aimed to strengthen students' understanding of fundamental and advanced Java concepts while improving their analytical and logical thinking abilities. Such academic activities play an important role in motivating students to actively participate in technical learning beyond regular classroom teaching.

As part of the selection process, an online preliminary quiz was conducted for MCA students. The quiz consisted of 40 multiple-choice questions related to Java programming concepts such as object-oriented programming, Java syntax, logical reasoning, exception handling, and basic programming knowledge.

A total of 48 students participated in the online quiz. Based on the scores obtained in the preliminary round, the top 24 students were shortlisted to participate in the final quiz competition.

The selected 24 students were divided into four teams, each consisting of six members to encourage teamwork and collaborative learning.

SELECTED TEAMS

TEAM A	TEAM B	TEAM C	TEAM D
Thota Thrisha Vasanthi	Atyam G N S S Pavani	Sandhya Tirumani	K. Sai Durga
Jonnala Sai Kumari	A Rehan Babu	T. Thanusri	B. Hemanth Kumar
Esarla Tejaswini	Gunisetti Jnaneswari	Gudala Usha Rani	Dommeti Durga Bhavani
Satti D V Sai Rukneswara	Kunkati Gayatri Satya Chandra	K Baby Manjula	Katikala Murali Krishna
Sattineni Satya Sireesha	A Satyavathi	Vasa Harika	Gantasala Jhansi Lakshmi
Pentapati Umasree	Challa Baby Sai Sri	Muthyala Durga	Ravula Lakshmi Durga Prasad

The final round of the quiz competition was conducted in an engaging and interactive format consisting of multiple rounds designed to evaluate students

- Computer Networks (topologies, OSI layers, transmission media)

- Artificial Intelligence (agents, search algorithms, hill climbing, A*)

- Cryptography & Network Security (RSA, AES, ECC, attacks, security goals)

- Java & Object-Oriented Programming (abstraction, polymorphism, constructors, arrays)

- Operating Systems / UNIX commands

- Data communication concepts

The quiz contained objective questions testing conceptual knowledge, logic, and programming understanding.

Learning Outcomes

The Java Quiz Competition helped students achieve the following learning outcomes:

- Improved understanding of Java programming concepts and syntax

- Enhanced knowledge of object-oriented programming principles

- Development of logical thinking and problem-solving skills

- Encouragement of teamwork and collaborative learning

- Increased confidence in participating in technical competitions

- Better preparation for technical interviews and programming assessments

Event Outcome

The Java Quiz Competition was conducted successfully with enthusiastic participation from MCA students. The event created a platform for students to

test their programming knowledge and improve their technical skills in a competitive environment.

Students gained valuable experience in applying theoretical knowledge to practical problem-solving situations. The event also encouraged peer learning and motivated students to explore programming concepts more deeply.

Such academic and technical activities contribute significantly to improving students' overall learning experience and help in building a strong foundation in programming.

Team Scores

The final scores obtained by the teams were as follows:

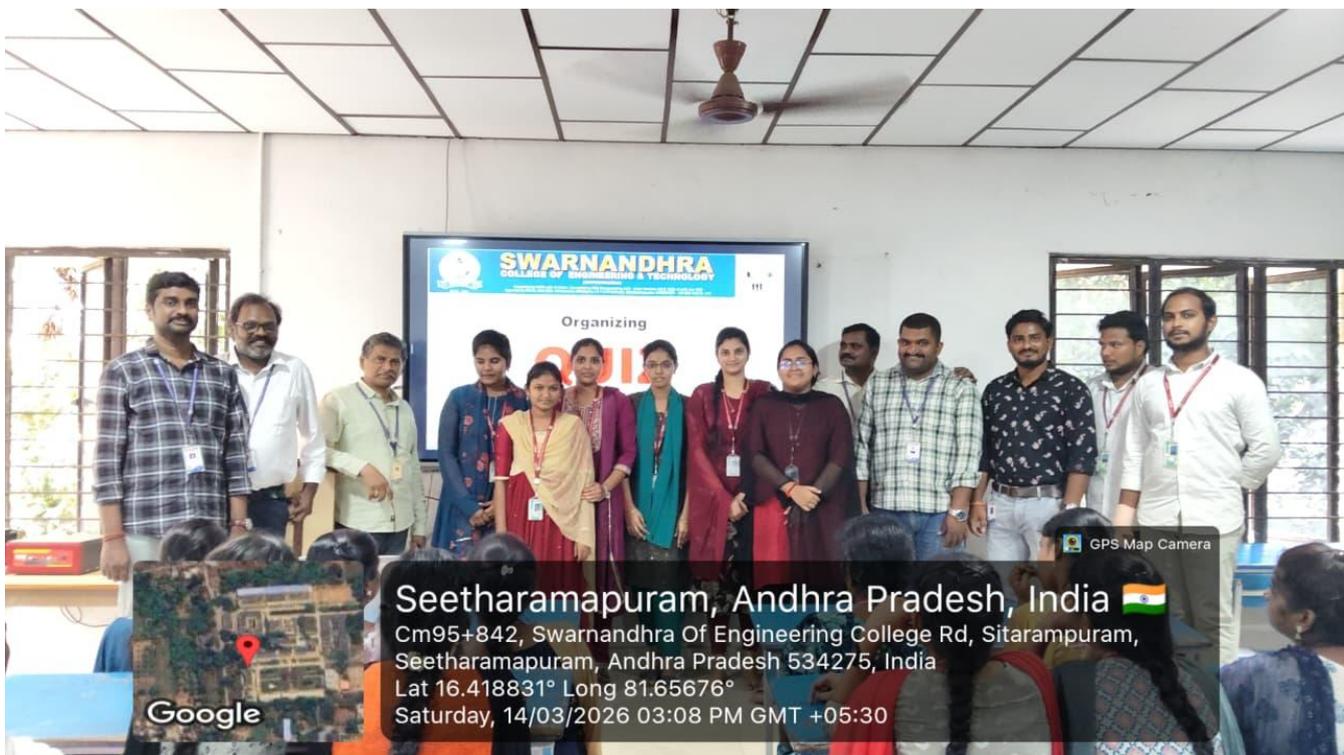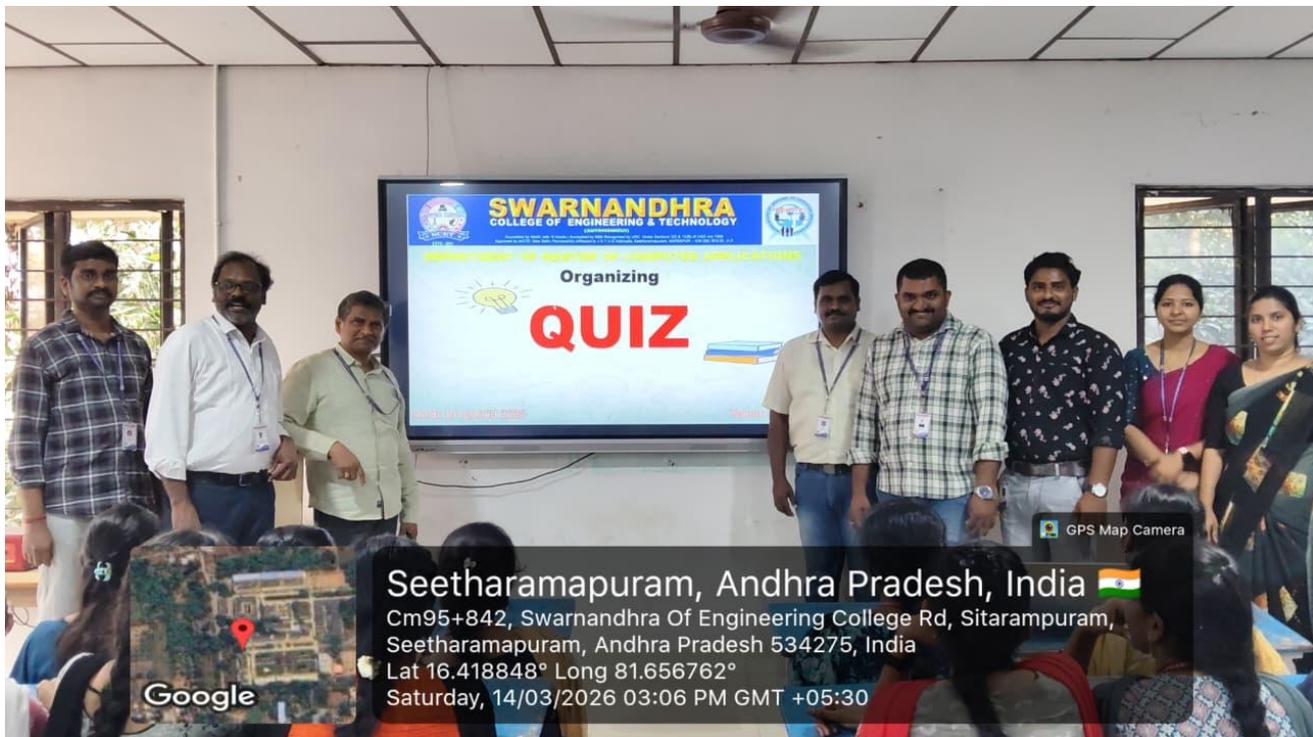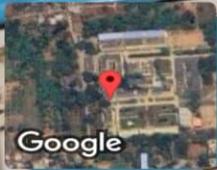| Team	Score
Team A	18
Team B	15
Team C	15
Team D	13
Audience	11

Winners

Based on the final scores:

🏆 **Winner:** Team A
🥈 **Runner-Up:** Team B and Team C (Tie)

Java Quiz Competition – Event Highlights

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