NARAYANA ENGINEERING COLLEGE::GUDUR
NAAC 'A' GRADE (AUTONOMOUS)
Dhurjati Nagar, Gudur, Tirupati Dist., AP - 524101

Date:26-02-2026

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

REPORT ON TECHNICAL SEMINAR

1	**Name of the Activity/Event**	TECHNICAL SEMINAR		
2	**Date of Activity/Event**	**26/02/2026**		
3	**Organized by/Name of the committee**	Dept . of Master of Computer Applications		
4	**Place of Activity/event**	Narayana Engineering College , Gudur		
6	**Type of activity/Event**	Professional Association Activity Program		
7	**Activity/Event objectives**	1.To improve Technical Knowledge 2.To Encourage involvement on Events 3.To improve Advanced topics		
8	**Participation**	Students	Faculty	Total
		25	02	27
9	**General remarks**	Better to conduct two or three times		
10	**Suggested Improvements**	Better to Conduct Session for programming		
11	**Enclosures**	1.Circulars 2.Photos		

Objective of the Seminar

The main objectives of the seminar were:

- To introduce students to the fundamentals of Machine Learning.
- To create awareness about the concepts of Quantum Technology.
- To explain how these technologies are shaping the future of computing.
- To encourage students to explore advanced research areas in computer science

About the Event:

The Technical Seminar was successfully conducted by the MCA Department on [26/02/2026] at [seminar hall]. The seminar competition witnessed enthusiastic participation from MCA students. The event was coordinated by the faculty members of the department.

The seminar began with a welcome address by the Head of the MCA Department. The speaker explained the importance of staying updated with the latest technologies in the rapidly growing IT industry.

During the session, the speaker discussed **Machine Learning**, which is a branch of Artificial Intelligence that enables computers to learn from data and improve their performance without being explicitly programmed. Various Machine Learning techniques such as supervised learning, unsupervised learning, and reinforcement learning were explained with practical examples.

The seminar also introduced **Quantum Technology**, an advanced field based on the principles of quantum mechanics. The speaker explained how quantum computers use **qubits** instead of classical bits, allowing them to process complex computations much faster than traditional computers. Applications of quantum technology in cryptography, drug discovery, and optimization problems were also discussed.

Key Highlights

- Introduction to Machine Learning and its importance in modern applications.
- Explanation of different Machine Learning algorithms and models.
- Basic concepts of Quantum Computing and Quantum Technology.
- Real-world applications of ML and Quantum Technology.
- Interactive discussion and question-answer session with students.


WHAT IS CONTINUOUS INTEGRATION (CI)?
Code merged frequently
Automatic testing
Early error detection
CI = Regular integration + Testing
NARAYANA ENGINEERING COLLEGE

HOD-MCA