



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU-56

(An Autonomous Institution, Affiliated to VTU, Approved by AICTE, Accredited by NAAC
with A+ Grade)



Seminar Report



Resource Person
Dr. V. Asha
Professor & Head
Dept. of MCA
New Horizon College of
Engineering, Bengaluru

**Coordinators**
Dr. Bharathi. S
Professor
Mrs. B. R. Shobha Rani
Associate Professor

Dr. Ambedkar Institute of Technology, Bengaluru-56
(An Autonomous Institution, Affiliated to VTU, Approved by AICTE, Accredited by NAAC with A+ grade)
Department of Master of Computer Applications
Organising
One day Technical Seminar
on
**REWARDS, ACTIONS, AND INTELLIGENCE:
EXPLORING REINFORCEMENT LEARNING**
17th July, 2025 at 11.00 a.m

Chief Convener
Dr. M. N. Thippeswamy
Principal, Dr. AIT

Convener
Dr. Siddaraju
Vice Principal, Dr. AIT

Chief Coordinator
Dr. Rajshekhar Ghogge
HOD-MCA

Venue: D-209

A one-day Technical Seminar on “**Rewards, Actions, and Intelligence: Exploring Reinforcement Learning**” organized by Department of Master of Computer Applications, **Dr. Ambedkar Institute of Technology, Bengaluru**, on 17th July, 2025.

Resource Person: Dr. V. Asha, Professor & Head, New Horizon College of Engineering, Bengaluru.

HOD-MCA, Dr. Rajshekhar Ghogge welcomed the Resource person and students for the technical seminar and introduced the chief guest to the audience.

The speaker covered topics on:

1. Introduction to Reinforcement Learning
2. Core Components of an RL System
3. The RL Cycle: How Learning Happens
4. Types of Reinforcement Learning
5. Key Algorithms (Simplified Overview)



Participants attending sessions

Outcome of the Semianr:

The seminar "**From Rewards to Results: Reinforcement Learning Made Simple**" provided MCA students with a foundational understanding of reinforcement learning and its practical significance in the field of artificial intelligence. Students gained insights into key RL concepts such as agents, environments, actions, rewards, and learning strategies through trial and error. The session helped them differentiate reinforcement learning from other machine learning paradigms, introduced popular algorithms like Q-Learning and Deep Q-Networks, and showcased real-world applications ranging from gaming to autonomous systems. Through this seminar, students developed a stronger grasp of decision-making models, enhanced their analytical thinking, and became more aware of current tools and platforms used in RL development.

The session was concluded with question and answers followed by vote of thanks to the speaker, HOD-MCA, faculties, staff and students.



Coordinated by

Dr. Bharathi S, Professor

Ms. Shobha Rani B R , Associate Professor