



# **Report** **GIAN Course** **on** **Artificial Intelligence and Machine Learning** **Algorithms: A Comprehensive Study**

**15th September 2025**

**Venue: A2 Hall, GTU Main Building**

**Coordinator: Prof. Gautam D. Makwana**

**Co-coordinator: Prof. Anuradha A. Gokhale**

The inauguration of the GIAN (Global Initiative of Academic Networks) Course on “Artificial Intelligence and Machine Learning Algorithms: A Comprehensive Study” was hosted by Gujarat Technological University (GTU), School of Engineering and Technology (SET), on September 15, 2025. This five-day academic program, scheduled from September 15 to 19, 2025, has garnered significant participation from over 70 faculty members, research scholars, and students representing institutions across India.

The course has been meticulously designed to offer comprehensive exposure to the foundational principles, methodologies, and applications of Artificial Intelligence (AI) and Machine Learning (ML), while also highlighting global trends and collaborative research opportunities. The event is being coordinated by Professor Gautam Makwana from the GTU School of Engineering and Technology and Professor Anuradha Gokhale from Saint Augustine’s University, USA, thereby fostering robust academic collaboration between GTU and international experts.

## **Presence of Dignitaries:**

The inaugural ceremony was graced by eminent personalities:

- Dr. Rajul Gajjar, Hon’ble Vice Chancellor, GTU
- Prof. Anil Bhardwaj, Director, Physical Research Laboratory (PRL)
- Prof. Anuradha Gokhale, Professor, Saint Augustine’s University, USA
- Dr. R. A. Thakker, Director, RDC, GTU
- Prof. J. A. Amin, Professor, GTU-SET
- Prof. Gautam Makwana, Associate Professor, GTU-SET

## **Proceedings of the Ceremony:**

## Session Details



Saraswati Vandana and Lamp



GTU Song



Felicitation of Prof. Anil Bharadwaj, Director of PRL

## Topic Covered

- The session began with Saraswati Vandana and the ceremonial lighting of the lamp by the dignitaries, symbolizing the pursuit of knowledge and wisdom.
- This was followed by the GTU Song, which added a sense of pride and belonging among the participants and dignitaries.
- As part of the inaugural formalities, the distinguished guests were felicitated. Prof. Anil Bhardwaj was felicitated by Dr. Rajul Gajjar, Hon'ble Vice Chancellor, GTU, while Prof. Anuradha Gokhale was felicitated by Dr. R. A. Thakker, Director, RDC, GTU.
- Prof. J. A. Amin delivered the welcome address, extending greetings to the guests and participants, and highlighting the importance of advanced learning initiatives like GIAN in preparing students and researchers for the challenges of emerging technologies.
- Prof. Anuradha Gokhale reflected on the international progress in Artificial Intelligence and Machine Learning.
- She emphasized that AI is no longer confined to computer science but is actively transforming multiple disciplines including healthcare, education, and sustainable development.
- She urged participants to use this opportunity to gain both theoretical and practical insights.



Felicitation of Prof. Anu Gokhale



Welcome address by Prof. J.A. Amin



Address to the participant by Prof. Anuradha Gokhale



Address to the participant by Prof. Anil Bharadwaj

- Prof. Anil Bharadwaj, Director of PRL, delivered a thought-provoking address where he contextualized the use of AI in India's space exploration missions.
- He pointed out how Artificial Intelligence had been integrated into earlier Indian missions such as the Mars Orbiter Mission (Mangalyaan) and the Chandrayaan lunar missions.
- He remarked that even at a time when AI was only beginning to gain global recognition, India had already demonstrated its value in handling mission-critical operations, trajectory planning, large data analysis, and real-time decision-making in space research.
- He described how AI not only revolutionized global industries but also empowered India's scientific endeavors to achieve international acclaim.
- Dr. Rajul Gajjar, Hon'ble Vice Chancellor, GTU, in her Presidential Address, appreciated the objectives of the GIAN program and underscored GTU's vision of integrating frontier technologies into academics and research.
- She noted that courses like this enable students and faculty to engage with international experts, strengthening GTU's role as a hub for innovation and technological growth.
- The ceremony concluded with the Vote of Thanks by Dr. R. A. Thakker, who acknowledged the presence and contributions of the dignitaries, the efforts of the organizing committee, and the enthusiastic participation of attendees.





Presidential address to the participant by Dr. Rajul Gajjar



Vote of Thanks by Dr. Rajesh A. Thakker



National Anthem

- The event ended with the recital of the National Anthem.
- The inaugural ceremony of the GIAN course was a dignified and inspiring beginning. With more than 70 participants from different parts of India, the program has already demonstrated its national relevance and academic appeal.
- The insightful remarks, particularly on the application of AI in Indian space missions, highlighted the transformative role of this technology in both national achievements and global progress.
- Coordinated under the academic leadership of Prof. Gautam Makwana (GTU-SET) and Prof. Anuradha Gokhale (Saint Augustine's University, USA), the course promises to be a valuable academic experience, equipping participants with knowledge, skills, and global perspectives in Artificial Intelligence and Machine Learning, and enabling them to apply these technologies in diverse domains of research, industry, and societal development.