



**SIR ISSAC NEWTON**  
**COLLEGE OF ENGINEERING AND TECHNOLOGY**

(Approved by AICTE, New Delhi & Permanently Affiliated to Anna University, Chennai)  
An ISO 9001:2015 and 2(f) UGC Certified Institution, Accredited By NAAC With 'B ++' Grade  
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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Co-ordinator: Ms.R.SATHYA AP/CSE,

Mrs.K.GOWRI AP/CSE.

## MACHINE LEARNING AND DEEP LEARNING

### REPORT

On 07th April 2025, the Department of Computer Science and Engineering, in collaboration with the Computer Engineers Association RETUPMOC '5G, organized a one-day guest lecture for the Third-year CSE students. The event, titled ". MACHINE LEARNING AND DEEP LEARNING" took place in the Lecture Hall at Sir Issac Newton College of Engineering and Technology.

The event began with a warm welcome address delivered by R.VIKNESHWARI, a Third-year CSE student. She extended a cordial welcome to the chief guest, resource person, faculty members, and students, setting an optimistic tone for the session. Following the welcome address, Mr. M. Mohamed Faisal, the Head of the Department of Computer Science and Engineering, delivered the felicitation speech. He emphasized the importance of understanding and applying machine learning and deep learning algorithms in the current technological landscape, introducing the resource person, Mrs.S.SIVARANJANI, B.Tech,ME., Asst Prof/IT.





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Mrs.S.SIVARANJANI, B.Tech,ME., Asst Prof/IT ,the guest lecturer, presented an insightful session on Machine Learning and Deep Learning, covering essential topics such as supervised learning, unsupervised learning, neural networks, and deep learning frameworks like TensorFlow and PyTorch. He discussed how these technologies are transforming industries and provided real-world examples of their applications in fields like healthcare, finance, and autonomous systems. Mrs.S.SIVARANJANI, B.Tech,ME., Asst Prof/IT ,also addressed the latest advancements in deep learning, including convolutional neural networks (CNNs) and recurrent neural networks (RNNs), emphasizing the importance of choosing the right model for the problem at hand.

The lecture was followed by an interactive Q&A session where students had the opportunity to ask questions and clarify doubts. The session encouraged active participation, with students seeking advice on how to start working with machine learning and deep learning, as well as how to tackle challenges in real-world projects.

The event concluded with a vote of thanks delivered by R.Raveena, a Third-year CSE student. She expressed her gratitude to Mrs.S.SIVARANJANI, B.Tech,ME., Asst Prof/IT.or sharing his valuable expertise and insights, to Mr. M. Mohamed Faisal for his continuous support, and to all the students and faculty members who contributed to making the event a success.



*R.Siv*  
*Coordinator*  
CO-ORDINATOR

*Faisal*  
*8/4/25*  
HOD

*J. Ash*  
PRINCIPAL