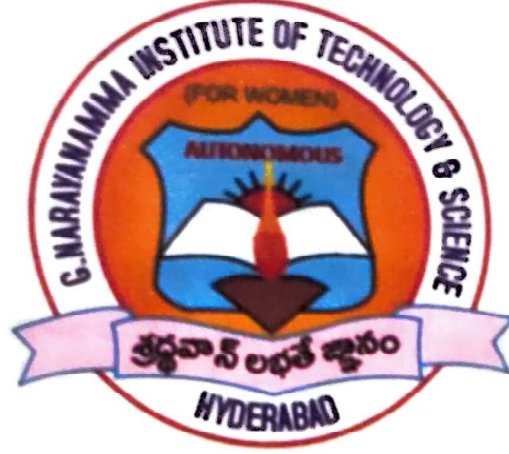
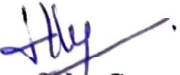



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CERTIFICATE

This is to certify that the thesis/dissertation entitled "Machine Learning Approaches for Detecting Covid-19 Using Different Types of Clinical Data" that is being submitted by **A. Mamatha (19251D5801)** in partial fulfilment for the award of M-Tech in Computer Science Engineering to the Jawaharlal Nehru Technological University is a record of Bonafede work carried out by her in our guidance and supervision. The results embodied in this thesis have not been submitted to any other University or Institution for the award of any degree or diploma.


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