


**Department of Computer Science & Engineering**  
**G. Narayanamma Institute of Technology & Science (for Women)**  
Accredited by NBA & NAAC & Affiliated to  
JNTUH Hyderabad-500 104, T.S, INDIA




## **Certificate**

This is to certify that the Industry Oriented Mini Project report on **Exercising Deep Learning methods on Network Intrusion Detection by using BAT Model** is a bonafide work carried out by **G.Srujana (17251A05D3)**, **Tripura (17251A05G8)**, **N.Kalyani (17251A05H0)** in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering, G. Narayanamma Institute of Technology & Science (For Women), Shaikpet, Hyderabad, affiliated to Jawaharlal Nehru Technological University, Hyderabad under our guidance and supervision.

The results embodied in the Industry Oriented Mini Project have not been submitted to any other University or Institute for the award of any degree or diploma.

  
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