

**Department of Computer Science & Engineering**  
**G. Narayanamma Institute of Technology & Science (for Women)**


Accredited by NBA & NAAC & Affiliated to JNTUHH  
Hyderabad-500 104, T.S. NDIA





**Certificate**

This is to certify that the Mini Project report on “Stress detection by facial expressions and breathing patterns using deep learning” is a bonafide work carried out by A. Sai Sreeja-18251A0501, G. Janvitha -18251A0506, M. Madhuri-18251A0538, Y. Priya Amrutha-18251A0560 in the partial fulfillment for the award of B.Tech degree in Computer Science & Engineering, G. Narayanamma Institute of Technology & Science, Shaikpet, Hyderabad, affiliated to Jawaharlal Nehru Technological University, Hyderabad under our guidance and supervision.

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

  
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