JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD HYDERABAD - 500 085, TELANGANA STATE, INDIA.





317000595

SI. No. PC 00811376



PROVISIONAL CERTIFICATE



Hall Ticket No.: 0903PH0655

This is to certify that Ms. SANDHYA G

daughter of Mr. GURUSWAMYKY

has satisfied all the requirements for the award of <u>Doctor of Philosophy</u>

in the faculty of <u>COMPUTER SCIENCE AND ENGINEERING</u>

of this University, held in April, 2017 for the thesis entitled,

"Extraction of Cluster Patterns from Breast Images for Early Detection of Cancer Cells".

Verified by

Hyderabad - T.S. Date: 15 May 2017

Director of Evaluation

REGISTRAR