



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

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CERTIFICATE

This is to certify that the dissertation entitled "**PRODUCTION AND OPTIMIZATION OF CRUDE CELLULASES FROM BACILLUS SUBTILIS**" submitted by **MISS. AMULYA UPPAL**, bearing Enroll.No. **A60114115005** to the **Centre for Biotechnology, Institute of Science and Technology, Jawaharlal Nehru Technological University Hyderabad** in partial fulfillment of the requirement for the award of degree in **Bachelor of Technology in Biotechnology** is a bonafide work done under the guidance of **Dr. L. SAIDA**, Asst. professor, **CBT, IST, JNTUH, KUKATPALLY, HYDERABAD.**

It is further certified that the dissertation or any part thereof has not been submitted elsewhere for any other degree or diploma.

Place: Hyderabad

Date:



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