

## **TEZPUR UNIVERSITY**

Central University established by an Act of Parliament

Department of Molecular Biology and Biotechnology

NAPAAM, TEZPUR-784028

ASSAM, INDIA

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## CERTIFICATE BY THE HEAD OF DEPARTMENT

This is to certify that MISS. MAYURAKHI BORPUJARI, student of the Department of Molecular Biology and Biotechnology, Tezpur University, Assam has successfully completed the project work, entitled — "CYTOTOXICITY OF TUNGSTEN OXIDE NANOPARTICLE (WO<sub>3</sub>) TO E coli" as a part of partial fulfillment of his degree of Master of Science in Molecular Biology and Biotechnology under the supervision of Dr. SashiBaruah, Associate Professor and HOD, Department of Molecular Biology Biotechnology, Tezpur University, Assam.

Date: 04/06/12

Place: T. U.

(Df. S. Baruah Head,

ept. of MBBT, T.U.



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**S.Baruah, Ph.d** Head of MBBT Dept.

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## CERTIFICATE BY THE SUPERVISOR

This is to certify that MISS. MAYURAKHI BORPUJARI has completed the M.Sc. projectentitled —"CYTOTOXICITY OF TUNGSTEN OXIDE NANOPARTICLE(WO<sub>3</sub>) TO E coli" under my supervision. She has fulfilled the requirements of the regulations relating to the nature and prescribed period of M.Sc. project at Tezpur University. The thesis embodied accounts of her own findings and has not been submitted previously anywhere for any degree whatsoever by either her or anyone else.

Place:  $\mathcal{T} \cdot \mathcal{U}$ . Date:  $0 + \frac{1}{2} \cdot \frac{$ 

(Dr. S. Baruah)

Bept. of MBBT, T.U.

**DECLARATION BY THE CANDIDATE** 

This is to declare that I have carried out the project entitled

"CYTOTOXICITY OF TUNGSTEN OXIDE NANOPARTICLE

(WO<sub>3</sub>) TO E coli" under the guidance of Dr.S.Baruah, Associate Prof. &

Head of the Department in the Department of Molecular Biology and

Biotechnology, Tezpur University for the partial fulfillment of the degree

in Master of Science in Molecular Biology and Biotechnology. This thesis

embodies the accounts of my own findings and has not been submitted

previously anywhere for any degree whatsoever by either me or anyone

else.

Date: 08 06 12

Place: Tezpur University

Mayurakhi Borpujari (MAYURAKHI BORPUJARI)

# ACKNOWLEDGEMENTS

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I would also like to offer my sincere thanks to my hard working labmates, Mr Niraj Kumar Sonkar and Mr Rowel Rongphar for extending their helping hand throughout the project.

I would also remain grateful to the Department Of Biotechnology for providing the necessary facilities and fundings for the requirements of the M.Sc. course and the project work.

Date: 08/06/12 MAYURAKHI BORPUJARI)
Place: Texpur University