

DECLARATION BY THE CANDIDATE

I hereby declare that the thesis “**Characterization and assessment of therapeutic potential of Indian cobra (*Naja naja*) venom anticoagulant phospholipase A₂ enzyme and a 7-mer peptide developed from this enzyme**” being submitted to Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur, Assam in partial fulfillment for the award of the degree of Doctor of Philosophy in Molecular Biology and Biotechnology, has previously not formed the basis for the award of any degree, diploma, associateship, fellowship or any other similar title or recognition. Due to unavailability of proper facilities in Tezpur University, the following experiments/sample analyses were carried out at other institutes:

1. Confocal microscopy, MALDI-ToF-MS, circular dichroism, surface plasmon resonance, and flow cytometry analyses were performed at Indian Institute of Technology, Guwahati, Assam, India.
2. LC-MS/MS analysis of protein samples were performed at Centre for Cellular and Molecular Platforms (C-CAMP), NCBS, Bangalore, India, and Kalinga Institute of Industrial Technology-Technology Business Incubator (KIIT-TBI), Bhubaneswar, India.
3. Animal experiments were done at Defence Research Laboratory, Tezpur, Assam, India.

Date:

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Place: Tezpur

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