I do hereby declare that the thesis entitled “Analysis of inter-and intraspecific variation in cultivated and wild species of Abelmoschus Medik” is a record of original and independent research work carried out by myself in the Plant Biotechnology Laboratory, Department of Biotechnology and Bioinformatics, North-Eastern Hill University, Shillong under the supervision of Prof. S. Rama Rao. The work done is original and no part of the thesis has been submitted for any degree or diploma of any university.