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Date -21.06.2016

CERTIFICATE

This is to certify that Mr. Prawin Kumar Sharma has prepared the thesis entitled "*Greener approach to the synthesis of some novel class of isoxazolidine and isoxazoline derivatives using N-methyl and N-phenyl- α -chloro nitrones*" for the award of Ph.D degree of the **University of North Bengal**, under my guidance. He has carried out the research work at the Department of Chemistry, Sikkim Government College, Gangtok, Sikkim.

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21/06/2016

CERTIFICATE

I certify that Shri Prawin Kumar Sharma has prepared the thesis entitled "*Greener approach to the synthesis of some novel class of isoxazolidine and isoxazoline derivatives using N-methyl and N-phenyl- α -chloro nitrones*", for the award of *Ph.D degree* of the *University of North Bengal, Siliguri, West Bengal* under my guidance. He has carried out the work at the Department of Chemistry, Sikkim Government College, Gangtok.

This is also to certify that the research work is *original and completely new*.

I wish him all the success in completion of his *Ph.D programme*.

Bhaskar Chakraborty

(21.06.2016)

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