

CERTIFICATE

I certify that Saran Kumar Gupta has prepared the thesis entitled “Elicitor induced biochemical changes associated with nitric oxide and calcium signaling during seed germination in *Trigonella foenum-graecum* L.” for the award of PhD degree of the University of North Bengal, under my guidance. He has carried out the work at the Department of Botany, University of North Bengal.

He bears a good moral character and I wish him all the best in life.



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