

DECLARATION

I, Rajkumar Suraj Singh, hereby proclaim that the thesis entitled "**Isolation and Molecular Characterization of Nitrogen Fixing Bacteria from some Wild Legume Plants of Manipur, India**" has been carried out by me and the contents of this thesis are original and did not form the basis for award of any degree to me or anybody else to the best of my knowledge. The thesis has not been submitted in any other University or Institute.

This thesis is being submitted to Assam University for the degree of Doctor of Philosophy in Biotechnology.

Place: Silchar

Date: 11/08/2016


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University Regd.No. 74400330 of 2008-2009

ACKNOWLEDGEMENTS

Of all the achievements, humans tend to cherish and treasure those achievements that are the hardest and the most unlikely of being accomplished. As such the title of Doctor of Philosophy being one of the toughest and hard earned achievement, it gives me immense pleasure and satisfaction to be able to come up with this thesis. Hopefully with the blessings for being conferred with the title of Doctor of Philosophy has its own share of those magical feelings of satisfaction. Here I find it appropriate to let everybody know that reaching upto this destination is the result of the culmination of the sincere effort and help of many people who guided me throughout my study.

Above all I like to show my sincere gratitude and thanks to my esteemed supervisor **Dr. Pranab Beheri Mazumder, Associate Professor**, HOD, Department of Biotechnology, Assam University, Silchar. It will always be too less to express how fortunate I am to have such a lovable and kind person as my supervisor. Apart from his insightful suggestions and perfect supervision it is the man within him that has always been the driving force for me in achieving this goal. Being one of his first batch scholars I do recall how humbly we started but within no time he turned the table and made us what we are today. Without any doubt I can say he is someone who instilled in us the confidence to step aside from the obstacles and look ahead only towards the objective. His ways of dealing with his scholars with concrete ideas, criticism, discussions and pragmatic approach in advices with a proper dose of kindness and understanding sets him apart so uniquely that can be unparalleled. His constant support, fruitful discussions, encouragement and guidance has been of immense help during the course of my investigation and preparation of this thesis. Indeed I am forever indebted to my esteem supervisor for his humble yet unparalleled guidance.

My sincere thanks also goes to **Prof. Gauri Dutta Sharma**, Vice Chancellor, Bilashpur University, under whose exceptional co-guidance, constructive advices and inspiring encouragement make it possible for me to complete this research work. It was from his enlightening advices and suggestions that helped me to keep on track with my objective without getting astray.

My sincere thanks also goes to *Prof. Shanker Ghosh*, former HOD, Department of Biotechnology, Assam University, Silchar for making the facilities in his laboratory available for me in one of my most important study.

I would like to acknowledge the helping hand lended to me by all the *Technical staff* of Department of Biotechnology, Assam University, Silchar who are always there to help me whenever any sort of technical help is necessary.

My sincere gratitude and indeptness also extend towards all my fellow scholars especially my labmates of Assam University, Silchar who have always helped me willingly without any conditions. I will forever cherish their suggestions and ideas which are of immense help during my investigations and in preparation of this thesis. I will always recount all those sleepless nights we had together during my course of study to make this thesis a presentable one.

I express my profound gratitude to all my fellow Scholars and friends of other departments of this University for their priceless help at any given time during the course of pursuing my Ph.D.

I also take this opportunity to thank and give my due respect to *Dr.O.N. Tiwari*, Institute of Bioresource and Sustainable Development, Takyelpat, Imphal and all his scholars and project fellows for their never ending support and help given during one of my confirmatory test in their lab.

I would also like to convey my deepest gratitude to my beloved parents, brothers and sisters for their never ending support in pursuing my Ph.D. It is only because of their encouragement, trust and financial support that make it possible for me to complete my Ph.D.


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