

*Impact of Salinity Stress on Arachis hypogaea L.
and Identification of Salt Tolerance Mechanism*

By

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Certificate

This is to certify that the thesis entitled “**Impact of Salinity Stress on *Arachis hypogaea* L. and Identification of Salt Tolerance Mechanism**” submitted to Avinashilingam University for Women, Coimbatore, for the award of **Doctor of Philosophy in Biochemistry**, is a record of original research work done by **A. Indhuleka**, during the period of her study in the Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam University for Women, Coimbatore, under my supervision and guidance and the thesis has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or similar title to any University or Institute.

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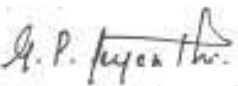
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I hereby declare that the matter embodied in the thesis entitled **“Impact of Salinity Stress on *Arachis hypogaea* L. and Identification of Salt Tolerance Mechanism”**, is the result of investigations carried out by me in the Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam University for Women, Coimbatore, under the supervision and guidance of **Dr. (Mrs). G.P. Jeyanthi**, M.Sc., M.Phil., Ph.D, Professor, Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam University for Women, Coimbatore and it has not been submitted for the award of any Degree / Diploma / Associateship / Fellowship of any other University or Institute.


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Acknowledgement

Goodness is the very sense of good souls. There is not a more pleasing exercise of the mind than gratitude to be placed to the good souls, It is accompanied with such an inward satisfaction that the duty is sufficiently rewarded by the performance.....

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Publications

- ☞ Indhuleka, A. and Jeyanthi, G.P. (2011), Analysis of expression of heat shock protein-70 (Hsp-70) gene in salt stressed groundnut (*Arachis hypogaea* L.) plants, *International Journal of Pharma and Bio Sciences*, 2, 2011, 418-428.
- ☞ Indhuleka, A. and Jeyanthi, G.P. (2012), Effect of sodium chloride stress on leaf area, proline, chlorophyll concentrations and total dry matter production on two different varieties of *Arachis hypogaea* L. plants, *International Journal of Plant Physiology and Biochemistry* (Accepted).