

**EVALUATION OF THE PHYTIC ACID CONTENT IN COMMON BEANS  
AND DETERMINATION OF THERAPEUTIC & COSMETIC  
APPLICATIONS OF PHYTIC ACID**



*Dissertation Submitted to the University of Kerala in partial fulfillment of the requirements for the degree of*

**MASTER OF SCIENCE IN BIOTECHNOLOGY**

**BY**

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### CERTIFICATE

This is to certify that dissertation entitled **“Evaluation of the Phytic acid content in common beans and determination of therapeutic & cosmetic Applications of Phytic acid”** done by **Sreeshma S Gopinathan** (Reg No: 65919132020) under the supervision of Dr Archana GM, Course coordinator, Athmic Biotech Solutions Pvt Ltd, Kalliyoor, Thiruvananthapuram for partial fulfilment of the requirement for the degree of Master of Science in Biotechnology, Sree Narayana College, Kollam. The work presented in this thesis has not been submitted for any other degree or diploma earlier.

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