



TEZPUR UNIVERSITY

(A Central University established by an Act of Parliament)

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CERTIFICATE OF THE PRINCIPAL SUPERVISOR

This is to certify that the work presented in the thesis entitled “**Design, development & study of thin and lightweight nano-sized strontium ferrite LLDPE magneto-dielectric composite as microwave absorber covering X-band**”, has been carried out by **Ms. Soma Chakraborty** under our supervision and guidance. The thesis embodies accounts of her own findings and these have not been submitted previously anywhere for the award of any degree either by her or by anyone else.

All help received from various sources have been duly acknowledged. No part of this thesis has been submitted elsewhere for award of any degree.

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Certificate of the External Examiner and ODEC

This is to certify that the thesis entitled “**Design, development & study of thin and lightweight nano-sized strontium ferrite LLDPE magneto-dielectric composite as microwave absorber covering X-band**” submitted by **Ms. Soma Chakraborty, Department of Electronics & Communication, School of Engineering to Tezpur University** in partial fulfillment for the award of the degree of **Doctor of Philosophy in Electronics & Communication** has been examined by us on _____ and found to be satisfactory.

The committee recommends for the award of the degree of Doctor of Philosophy.

Supervisor

(**S. Bhattacharyya**)

Co-Supervisor

(**N. S. Bhattacharyya**)

External Examiner

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Date: _____

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