

**STUDY AND MODELING OF PERIPHERAL NERVE: AN
APPROACH FOR RECOVERY OF DEMYELINATED
NERVE DISORDER**

**A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY**

**HEMANGA KUMAR DAS
REGISTRATION NO. TZ155821 OF 2015**



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
SCHOOL OF ENGINEERING
TEZPUR UNIVERSITY
TEZPUR, ASSAM, INDIA - 784028**

DECEMBER, 2016

Dedicated

To

Smt. Rina Das (Maa)

&

Late Dilip Kumar Das (Papa)