

DECLARATION BY THE STUDENT

I hereby declare that the work presented in the dissertation entitled "A Novel IoT Enabled HeartCare Framework for Rapid Diagnostics" submitted in partial fulfillment for the award of the degree Master of Technology in Electronics Design and Technology in Electronics & Communication Engineering, during the period from August, 2021 to June, 2022, has been carried out by me and that it has not been submitted in part or whole elsewhere for the award of any other degree or diploma.

Date: Place: Tezpur University **Bidyut Bikash Borah** Roll No: ECD20004 Department of ECE.



TEZPUR UNIVERSITY

(A Central University established by an act of Parliament)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Napaam, Tezpur-784028, Assam, India

Dr. Soumik Roy Professor, Dept. of ECE Phone: 03712-275258 email: xoumik@tezu.ernet.in

CERTIFICATE

This is to certify that the dissertation entitled **A Novel IoT Enabled Heart-Care Framework for Rapid Diagnostics** submitted to the Department of Electronics and Communication Engineering, Tezpur University in partial fulfillment for the award of the degree of Master of Technology in Electronics Design and Technology, is a record of work carried out by **Mr. Bidyut Bikash Borah (ECD20004)** under my supervision during the period from August 2021 to June 2022. All support received by him from various sources have been duly acknowledged. No part of this dissertation has been submitted elsewhere for the award of any other degree or diploma to the best of my knowledge.

Date: Place: Tezpur University

Supervisor: (Dr. Soumik Roy) Professor, Dept. of ECE



TEZPUR UNIVERSITY (A Central University established by an act of Parliament) **DEPARTMENT OF ELECTRONICS AND COMMUNICATION**

Napaam, Tezpur-784028, Assam, India

ENGINEERING

Dr. Santanu Sharma Head of the Department Phone: 03712-275251 email: sss@tezu.ernet.in

CERTIFICATE

This is to certify that the dissertation entitled **A Novel IoT Enabled Heart-Care Framework for Rapid Diagnostics** is a bonafide record of project work carried out by **Mr. Bidyut Bikash Borah (ECD20004)** and submitted to the Department of Electronics and Communication Engineering, Tezpur University in partial fulfillment of the requirements for the award of the degree of Master of Technology in Electronics Design and Technology, during the academic year 2021-2022. He has carried out her project work under the supervision of **Dr. Soumik Roy**, Professor, Electronics and Communication Engineering.

This approval does not necessarily endorse or accept every statement made, opinion expressed or conclusion drawn as recorded in the dissertation. It only signifies the acceptance of this dissertation for the purpose for which it is submitted.

Date: Place: Tezpur University

(Dr. Santanu Sharma) Head of the Department of ECE.

CERTIFICATE BY THE EXAMINER

This is to certify that the dissertation entitled **A Novel IoT Enabled Heart-Care Framework for Rapid Diagnostics** submitted by **Bidyut Bikash Borah** (**ECD20004**) in partial fulfillment of the requirements for the degree of **Master of Technology in Electronics Design and Technology**, Department of Electronics and Communication Engineering, Tezpur University has been examined by me and is found satisfactory for the award of the degree.

This approval does not necessarily endorse or accept every statement made, opinion expressed or conclusion drawn as recorded in the dissertation. It only signifies the acceptance of this dissertation for the purpose for which it is submitted.

Date: Place: Tezpur University

.....

Examiner