

Declaration by the Student

I hereby declare that the project work presented in this report entitled “*Automated Detection of Diabetic Retinopathy using Modified Local Line Binary Pattern Based Features*”, submitted in partial fulfilment for the award of the degree of Master of Technology in Electronics Design and Technology, Department of Electronics and Communication Engineering during the academic year 2021-2022, has been carried out by me and that it has not been submitted in part or whole to any institution for the award of any other degree or diploma.

Date:

Place:

(Bhaskar Jyoti Talukdar)

ECD20018



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CERTIFICATE

This is to certify that the dissertation entitled '*Automated Detection of Diabetic Retinopathy using Modified Local Line Binary Pattern Based Feature*' submitted to the Department of Electronics and Communication Engineering, Tezpur University in partial fulfilment for the award of the degree of Master of Technology in Electronics Design and Technology, is a record of project work carried out by Mr. Bhaskar Jyoti Talukdar (ECD20018) 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.

Date:

(Prof. Vijay Kumar Nath)

Place:

Supervisor



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Date:

(Dr. Deepika Hazarika)

Place:

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CERTIFICATE

This is to certify that the dissertation entitled “*Automated Detection of Diabetic Retinopathy using Modified Local Line Binary Pattern Based Feature*” is a bonafide record of project work carried out by Bhaskar Jyoti Talukdar (ECD20018) and submitted in partial fulfilment for the award of the degree of Master of Technology in Electronics Design and Technology, Department of Electronics and Communication Engineering during the academic year 2021-2022. He has carried out his project work under the supervision of Prof. Vijay Kumar Nath, Department of Electronics and Communication Engineering and co-supervision of Dr. Deepika Hazarika, Associate Professor, Department of 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:

(S. Sharma)

Place:

Certificate by the Examiner

This is to certify that the dissertation entitled “*Automated Detection of Diabetic Retinopathy using Modified Local Line Binary Pattern Based Feature*” submitted by Bhaskar Jyoti Talukdar (ECD20018) in partial fulfilment of the requirements for the degree of Master of Technology in Electronics Design and Technology, Department of Electronics and Communication Engineering 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:

(Examiner)

Place: