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Certified that this Report titled "DEEP GUIDED NETWORK BASED IMAGE DEMOSAICING" is the bonafide work of AKSHAYA P (963322403001) who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

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Signature of the HOD with Date

Dr. JASMINE J. C SHEEJA M.E., Ph.D.,

Associate Professor and Head

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamil Nadu.

Signature of the Supervisor with Date

8/2024

Dr. E. SREE DEVI M.E., Ph.D.,

Professor

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamil Nadu.

Submitted for the University Viva-Voce Examination held on .14-.0.8-.2.024.. at Rohini College of Engineering & Technology.

INTERNATIENAMINER

## **BONAFIDE CERTIFICATE**

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Signature of the HOD with Date

Dr. JASMINE J.C SHEEJA, M.E., Ph.D.

Associate Professor and Head

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu.

Signature of the Supervisor with Date

Dr. JASMINE J.C SHEEJA, M.E., Ph.D.

**Associate Professor** 

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu.

Submitted for the University Viva-Voce Examination held on .14.7.0.8.7.2.0.2.4 at Rohini College of Engineering & Technology.

INTERNAL EXAMINER

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Signature of the HOD with Date

Dr.S.JASMINE J.C SHEEJA, M.E., Ph.D.,

Associate Professor and Head

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu.

Signature of the Supervisor with Date

Dr.S.P.SUBOTHA, M.E., Ph.D.,

**Associate Professor** 

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu.

INTERNAL EXAMINER

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Signature of the HOD

Dr. JASMINE J.C SHEEJA

Associate Professor and Head

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu.

Signature of the Supervisor

Dr.I. JACKSON DANIEL

Professor

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu.

Submitted for the University Viva-Voce examination held on . L. . 28 2024 at Rohini College of Engineering & Technology.

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Dr. JASMINE J.C SHEEJA, M.E, Ph.D.,

Associate Professor and Head

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor (Post)

Kanyakumari-629401.

Luis

#### SIGNATURE OF SUPERVISOR

Dr. SUMI M.S, M.E, Ph.D.,

Associate Professor

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor(Post)

Kanyakumari-629401.

Submitted for the University viva-voce examination held on... 1.14/.8/.24...at Rohini College of Engineering and Technology.

INTERNAL EXAMINER

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SIGNATURE OF THE HOD

Dr.JASMINE J.C SHEEJA, M.E., Ph.D.,

Professor and Head

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor (Post)

Kanyakumari District-629401.

SIGNATURE OF THE SUPERVISOR

Mr.S. SOBAN, M.E.,

**Assistant Professor** 

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor (Post)

Kanyakumari District-629401.

Submitted for the Phase-2 viva-voce examination held on 14.68.624. at Rohini College of Engineering & Technology.

INTERNALEXAMINER

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Certified that this thesis titled "UNDERWATER IMAGE ENHANCEMENT BY MULTISCALE FUSION TECHNIQUE AND DEHAZING" is the bonafide work of S M J NAVEENA (963322403009) who carried out the project work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with Date

Dr.S.JASMINE J.C SHEEJA, M.E., Ph.D.,

Professor and Head

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu.

Signature of the Supervisor with Date

Mr. NAGARAJAN R V.,

**Assistant Professor** 

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu.

Submitted for the Phase-II viva-voce examination held on 1.4.0.9.2.4 at Rohini College of Engineering & Technology.

INTERNAL EXAMINER

#### **BONAFIDE CERTIFICATE**

Certified that this Report titled "FRUIT DISEASE RECOGNITION BASED ON TWO-STREAM DEEP LEARNING MODELS" is the bonafide work of RAJA GOLDINA.A (963322403011) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

SIGNATURE OF HOD

Dr. JASMINE J.C SHEEJA

Professor and Head

Department of Electronics and

Communication Engineering

Rohini College of Engineering and

Technology

Palkulam, Variyoor (post)

Kanyakumari - 629 401.

SIGNATÚRE OF SUPERVISOR

it given.

Ms. NISHA G KRISHNAN

Assistant professor

Department of Electronics and

Communication Engineering

Rohini College of Engineering and

Technology

Palkulam, Variyoor (post)

Kanyakumari - 629 401.

Submitted for the University Viva-Voice Examination held on 12 03 2024 at Rohini College of Engineering and Technology.

INTERNAL EXAMINER

# BONAFIDE CERTIFICATE

Certified that this Report titled "ADVANCED LEARNING TECHNIQUES FOR EFFICIENT AND ACCURATE IMAGE DEMOSAICING AND DENOISING IN MODERN DIGITAL CAMERAS" is the bonafide work of SARANYA J (963322403012) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD with Date

Dr. JASMINE J. C SHEEJA M.E., Ph. D.,

Associate Professor & Head

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu

Signature of the Supervisor with date

Dr. E. SREE DEVI M.E., Ph. D.,

**Professor** 

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu

Submitted for the University Viva-Voice held on ... 14 - 28 - 2024. at Rohini college of Engineering & Technology.

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Signature of the HOD with Date

Dr.JASMINE J.C SHEEJA

Assosciate Professor and Head

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamil Nadu.

Signature of the Supervisor with Date

Dr.I.JACKSON DANIEL

**Professor** 

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamil Nadu.

Submitted for the Phase-II viva-voce examination held on 14-08-2024... at Rohini College of Engineering & Technology.

INTERNAL EXAMINER

#### BONAFIDE CERTIFICATE

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Signature of the HOD with Date

Dr.JASMINE J C SHEEJA, M.E., Ph.D.,

Professor and Head

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu.

Signature of the Sprivisor with Date

Dr.M.REGI, M.E., Ph.D.,

Associate Professor

Department of Electronics and

Communication Engineering

Rohini College of Engineering

and Technology

Palkulam, Variyoor-629401

Kanyakumari District, Tamilnadu.

Submitted for the Phase-1 viva-voce examination held on .14.1.08/2024.at Rohini College of Engineering & Technology.

INTERNAL EXAMINER

# BONAFIDE CERTIFICATE

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SIGNATURE OF HOD

Dr.JASMINE J.C SHEEJA., ME., Ph.D

Associate Professor and Head

Department of Electronics and

Communication engineering

Rohini College of Engineering and

technology

Palkulam, Variyoor (post)

Kanyakumari -629 401.

SIGNATURE OF SUPERVISOR

Dr.JACKSON DANIEL., M. Tech., Ph.D

Associate professor

Department of Electronics and

Communication engineering

Rohini College of Engineering and

technology

Palkulam, Variyoor (post)

Kanyakumari -629 401.

Submitted for the University Viva-Voice Examination held on 14 los laod at Rohini College of Engineering and technology.

INTERNATIONER