

CERTIFICATE

It is certify that the paper entitled by "Enhancing Retinal Image Morphological Blood Vessel Segmentation: A Modified Reduced Optimal Devotion-Based Gaussian Filter Approach" has been published in International Journal of Engineering Research and Applications (IJERA).

Your article has been published with following details:

Author's Name: Reena Pawar

Journal Name: International Journal of Engineering Research and Applications (IJERA)

Journal Web: www.ijera.com

Journal Type: Online & Print (Both)

Review Type: Peer Review Refereed

ISSN: 2248-9622

Vol No.: 15

Issue No.: 08

Publication Month: August

Publication Year: 2025



Editor-In-Chief

International Journal of Engineering Research and Applications (IJERA)

E-mail ID: ijera.editor@gmail.com



CERTIFICATE

It is certify that the paper entitled by "Enhancing Retinal Image Morphological Blood Vessel Segmentation: A Modified Reduced Optimal Devotion-Based Gaussian Filter Approach" has been published in International Journal of Engineering Research and Applications (IJERA).

Your article has been published with following details:

Author's Name: Rakesh Kumar Tiwari

Journal Name: International Journal of Engineering Research and Applications (IJERA)

Journal Web: www.ijera.com

Journal Type: Online & Print (Both)

Review Type: Peer Review Refereed

ISSN: 2248-9622

Vol No.: 15

Issue No.: 08

Publication Month: August

Publication Year: 2025



Editor-In-Chief

International Journal of Engineering Research and Applications (IJERA)

E-mail ID: ijera.editor@gmail.com



CERTIFICATE

It is certify that the paper entitled by "Enhancing Retinal Image Morphological Blood Vessel Segmentation: A Modified Reduced Optimal Devotion-Based Gaussian Filter Approach" has been published in International Journal of Engineering Research and Applications (IJERA).

Your article has been published with following details:

Author's Name: Onkar Nath Thakur

Journal Name: International Journal of Engineering Research and Applications (IJERA)

Journal Web: www.ijera.com

Journal Type: Online & Print (Both)

Review Type: Peer Review Refereed

ISSN: 2248-9622

Vol No.:

Issue No.: 08

Publication Month: August

Publication Year: 2025



Editor-In-Chief

International Journal of Engineering Research and Applications (IJERA)

E-mail ID: ijera.editor@gmail.com



CERTIFICATE

It is certify that the paper entitled by "Enhancing Retinal Image Morphological Blood Vessel Segmentation: A Modified Reduced Optimal Devotion-Based Gaussian Filter Approach" has been published in International Journal of Engineering Research and Applications (IJERA).

Your article has been published with following details:

Author's Name: Mukesh Asati

Journal Name: International Journal of Engineering Research and Applications (IJERA)

Journal Web: www.ijera.com

Journal Type: Online & Print (Both)

Review Type: Peer Review Refereed

ISSN: 2248-9622

Vol No.: 15

Issue No.: 08

Publication Month: August

Publication Year: 2025



Editor-In-Chief

International Journal of Engineering Research and Applications (IJERA)

E-mail ID: ijera.editor@gmail.com