



INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND DEVELOPMENT

e-ISSN: 2278-067X p-ISSN: 2278-800X

CERTIFICATE

It is certified that the paper entitled by **“Bit-Plane Visual Cryptography: A Comparative Analysis of Binary and Gray Images in Terms of Quality, Security, and Computational Efficiency”** has been published in **International Journal of Engineering Research and Development (IJERD)**.

Your article has been published with following details:

Author's Name: Anil B. Alde

Journal Name: International Journal of Engineering Research and Development (IJERD)

Journal URL: www.ijerd.com

Journal Type: Online & Offline

Publication Year: 2025

Publication Month: July

Vol No. : 21

Issue No. : 07



Editor-In-Chief

International Journal of Engineering Research and Development (IJERD)

ISSN(Online) : 2278-067X, ISSN(Print) : 2278-800X

E-mail ID: ijerd@editormails.com

URL: www.ijerd.com



INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND DEVELOPMENT

e-ISSN: 2278-067X p-ISSN: 2278-800X

CERTIFICATE

It is certified that the paper entitled by **"Bit-Plane Visual Cryptography: A Comparative Analysis of Binary and Gray Images in Terms of Quality, Security, and Computational Efficiency"** has been published in **International Journal of Engineering Research and Development (IJERD)**.

Your article has been published with following details:

Author's Name: Vikas T. humbe

Journal Name: International Journal of Engineering Research and Development (IJERD)

Journal URL: www.ijerd.com

Journal Type: Online & Offline

Publication Year: 2025

Publication Month: July

Vol No. : 21

Issue No. : 07



Editor-In-Chief

International Journal of Engineering Research and Development (IJERD)

ISSN(Online) : 2278-067X, ISSN(Print) : 2278-800X

E-mail ID: ijerd@editormails.com

URL: www.ijerd.com