



ISSN No. : 2321-9653

IJRASET

**International Journal for Research in Applied
Science & Engineering Technology**

IJRASET is indexed with Crossref for DOI-DOI : 10.22214

Website : www.ijraset.com, E-mail : ijraset@gmail.com

Certificate

*It is here by certified that the paper ID : IJRASET51174, entitled
Plant Disease Image Segmentation applying the K-Means Algorithm, Firefly, and Particle
Swarm Optimisation*

*by
Mandeep Kaur*

*after review is found suitable and has been published in
Volume 11, Issue V, May 2023*

*in
International Journal for Research in Applied Science &
Engineering Technology*

(International Peer Reviewed and Refereed Journal)

Good luck for your future endeavors

By

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