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



INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND DEVELOPMENT

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

CERTIFICATE

It is certified that the paper entitled by "Adaptive-COA-ELM based-Fault Diagnosis Method for Electric Vehicle Charging Equipment" has been published in International Journal of Engineering Research and Development (IJERD).

Your article has been published with following details:

Author's Name: Sheng Dou

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

Journal URL: www.ijerd.com

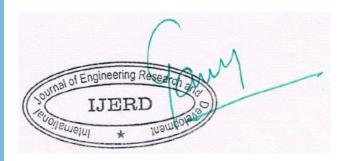
Journal Type: Online & Offline

Publication Year: 2025

Publication Month: January

Vol No. : 21

Issue No.: 01



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

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



INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND DEVELOPMENT

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

CERTIFICATE

It is certified that the paper entitled by "Adaptive-COA-ELM based-Fault Diagnosis Method for Electric Vehicle Charging Equipment" has been published in International Journal of Engineering Research and Development (IJERD).

Your article has been published with following details:

Author's Name: Wentao Lu

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

Journal URL: www.ijerd.com

Journal Type: Online & Offline

Publication Year: 2025

Publication Month: January

Vol No. : 21

Issue No.: 01



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

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



INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH AND DEVELOPMENT

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

CERTIFICATE

It is certified that the paper entitled by "Adaptive-COA-ELM based-Fault Diagnosis Method for Electric Vehicle Charging Equipment" has been published in International Journal of Engineering Research and Development (IJERD).

Your article has been published with following details:

Author's Name: Chang Liu

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

Journal URL: www.ijerd.com

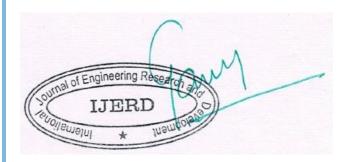
Journal Type: Online & Offline

Publication Year: 2025

Publication Month: January

Vol No. : 21

Issue No.: 01



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