



Certificate of Publication



This is to confirm that

Dr CHANDRAKALA

Published following article

Integrating Machine Learning and Deep Learning Techniques for
Sleep Apnea Detection Using Single-Lead ECG

Volume 12, Issue 12, pp: 35-42

www.ijres.org

A Peer Reviewed referred Journal

Impact Factor : 7.52

**International Journal of Research in Engineering and
Science (IJRES)**

ISSN: 2320-9364 IJRES is Peer Reviewed Refereed.

Editor-In-Chief



Certificate of Publication



This is to confirm that

Mohammed Kamran

Published following article

Integrating Machine Learning and Deep Learning Techniques for
Sleep Apnea Detection Using Single-Lead ECG

Volume 12, Issue 12, pp: 35-42

www.ijres.org

A Peer Reviewed referred Journal

Impact Factor : 7.52

**International Journal of Research in Engineering and
Science (IJRES)**

ISSN: 2320-9364 IJRES is Peer Reviewed Refereed.

Editor-In-Chief



Certificate of Publication



This is to confirm that

Mohammed Idres

Published following article

Integrating Machine Learning and Deep Learning Techniques for
Sleep Apnea Detection Using Single-Lead ECG

Volume 12, Issue 12, pp: 35-42

www.ijres.org

A Peer Reviewed referred Journal

Impact Factor : 7.52

**International Journal of Research in Engineering and
Science (IJRES)**

ISSN: 2320-9364 IJRES is Peer Reviewed Refereed.

Editor-In-Chief



Certificate of Publication



This is to confirm that

Irfan Ahmed

Published following article

Integrating Machine Learning and Deep Learning Techniques for
Sleep Apnea Detection Using Single-Lead ECG

Volume 12, Issue 12, pp: 35-42

www.ijres.org

A Peer Reviewed referred Journal

Impact Factor : 7.52

International Journal of Research in Engineering and
Science (IJRES)

ISSN: 2320-9364 IJRES is Peer Reviewed Refereed.

Editor-In-Chief



Certificate of Publication



This is to confirm that

Joshua Harshith

Published following article

Integrating Machine Learning and Deep Learning Techniques for
Sleep Apnea Detection Using Single-Lead ECG

Volume 12, Issue 12, pp: 35-42

www.ijres.org

A Peer Reviewed referred Journal

Impact Factor : 7.52

**International Journal of Research in Engineering and
Science (IJRES)**

ISSN: 2320-9364 IJRES is Peer Reviewed Refereed.

Editor-In-Chief