Quest Journals Inc.

Certificate of Publication

This certifies that the research paper entitled **"Sentiment Analysis of 3 Periods of Presidential Topic Using Long Short-Term Memory (LSTM)**" authored by **"Yohana Karuniawati P."** was reviewed by experts in this research area and accepted by the board of "Quest Journals Publication" which has published in **"Quest Journal of Electronics and Communication Engineering Research"**, ISSN (Online): 2321-5941, Volume-9, Issue-8, Page No.: 06-14, [2023].

Article is available online at http://www.questjournals.org/jecer/archive.html

Impact Factor of the Journal is : 5.18 Journal is Peer Reviewed Refereed Journal.

You may contact to Journal for any query at quest@editormails.com

* Quest Journals

Managing Editor Quest Journals Inc. Mail id: quest@editormails.com Website: www.questjournals.org

Quest Journals Inc.

Certificate of Publication

This certifies that the research paper entitled **"Sentiment Analysis of 3 Periods of Presidential Topic Using Long Short-Term Memory (LSTM)"** authored by **"M. Ulil Albab"** was reviewed by experts in this research area and accepted by the board of "Quest Journals Publication" which has published in **"Quest Journal of Electronics and Communication Engineering Research"**, ISSN (Online): 2321-5941, Volume-9, Issue-8, Page No.: 06-14, [2023].

Article is available online at http://www.questjournals.org/jecer/archive.html

Impact Factor of the Journal is : 5.18 Journal is Peer Reviewed Refereed Journal.

You may contact to Journal for any query at quest@editormails.com

* Quest Journals

Managing Editor Quest Journals Inc. Mail id: quest@editormails.com Website: <u>www.questjournals.org</u>

Quest Journals Inc.

Certificate of Publication

This certifies that the research paper entitled "Sentiment Analysis of 3 Periods of Presidential Topic Using Long Short-Term Memory (LSTM)" authored by "Mohammad Nur Fawaiq" was reviewed by experts in this research area and accepted by the board of "Quest Journals Publication" which has published in "Quest Journal of Electronics and Communication Engineering Research", ISSN (Online): 2321-5941, Volume-9, Issue-8, Page No.: 06-14, [2023].

Article is available online at http://www.questjournals.org/jecer/archive.html

Impact Factor of the Journal is : 5.18 Journal is Peer Reviewed Refereed Journal.

You may contact to Journal for any query at quest@editormails.com

* Quest Journals

Managing Editor Quest Journals Inc. Mail id: quest@editormails.com Website: www.questjournals.org