



# 5<sup>th</sup> International Conference on Computing Methodologies and Communication (ICCMC 2021)

08-10, April 2021 | [iccmc.com/2021/](http://iccmc.com/2021/) | [info.iccmc@gmail.com](mailto:info.iccmc@gmail.com)

## 5th Fifth International Conference on Computing Methodologies and Communication Computing Methodologies 2021 (ICCMC 2021)

### Technical comments

**Decision:** Accept with Major Revision

**Title:** Evaluating Pretrained Transformer-based Models for COVID-19 Fake News Detection

**Paper ID:** ICCMC042

#### Review comments - 1

1. Evaluating Pretrained Transformer-based Models for COVID-19 Fake News Detection is the proposed title.
2. Abstract can be improved with more elaboration and illustrations. Need more clarity on fake news detection.
3. Section I introduction should be improved with more elaboration and illustrations. Need more clarity on proposed work.
4. Novelty of work should be strongly emphasized by authors.
5. Literature survey should be improved. A comparative method of presentation of various techniques should be utilized by authors. A minimum of 15 – 20 recent publications should be used for the purpose. Need more clarity on stance detection.
6. Need more clarity on section III dataset.
7. Section IV experimental setup should be improved with more elaboration and illustrations. Need more clarity on BERT and pre-trained models, domain-specific BERT, distilbert-base-uncased, ALBERT, RoBERTa, XLNet, ELECTRA.
8. More clarity is needed on BCE. Equations to be inserted using professional equation editing tools.
9. Table 3 and 4 should be revised. Need more clarity on Electra and AR model.
10. Conclusion should be well written summarizing the merits and limitations of various methods.

#### Review comments – 2

1. There is no discussion on methods used in simulation. Few test cases and features to be shown.
2. No simulation parameters/ algorithm / pseudo-codes / flowchart are given. No discussions related to features/classifiers are given.
3. No qualitative results are shown. Given results appear to be imaginary. Training/testing data and precision values are not tabulated.

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4. No mathematical modelling of each algorithm is given.
5. Cite the following references:
  - (i). Nayak, Asha Rashmi, Saishree CS Ayyar, O. Aiswarya, C. H. Mahitha, and N. Mohankumar. "Security Surveillance Bot for Remote Observation During Pandemics" In 2020 5th International Conference on Communication and Electronics Systems (ICCES), pp. 635-640. IEEE, 2020.
  - (ii). Sivaganesan, D. (2019). BLOCK CHAIN ENABLED INTERNET OF THINGS. Journal of Information Technology, 1(01), 1-8.

Yours' Sincerely

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