



Microsoft CMT 27 Dec



to me ▾

Hello,

The following submission has been created.

Track Name: **ICCTA** 2023

Paper ID: 17

Paper Title: Optimization of Deep CNN-based Bangla Sign Language Recognition using XGBoost classifier

Abstract:

Deafness is one of the prime health problems in Bangladesh where almost 10% of the population fall under that category. The plight of the deaf and dumb to fit in with the mass population is quite big. Unable to express themselves through sound, they have to rely on sign language in order to communicate. Through recent studies, it was found that people with mutism are often subjected to heavy





97.33% in digit recognition.

Created on: Tue, 27 Dec 2022  
16:21:42 GMT

Last Modified: Tue, 27 Dec 2022  
16:21:42 GMT

Authors:

- [raima.islam@g.bracu.ac.bd](mailto:raima.islam@g.bracu.ac.bd)  
(Primary)  
-  
[mashegur.rahman.khan@g.bracu.ac.bd](mailto:mashegur.rahman.khan@g.bracu.ac.bd)  
-  
[md.zunayedul.islam@g.bracu.ac.bd](mailto:md.zunayedul.islam@g.bracu.ac.bd)  
-  
[md.mustakin.alam@g.bracu.ac.bd](mailto:md.mustakin.alam@g.bracu.ac.bd)  
-  
[md.sabbir.hossain1@g.bracu.ac.bd](mailto:md.sabbir.hossain1@g.bracu.ac.bd)  
-  
[humaion.kabir.mehedi@g.bracu.ac.bd](mailto:humaion.kabir.mehedi@g.bracu.ac.bd)  
- [annajiat@gmail.com](mailto:annajiat@gmail.com)

Secondary Subject Areas: Not  
Entered

Submission Files:

Optimization of Deep CNN-based  
Bangla Sign Language Recognition  
using XGBoost classifier.pdf  
(702 Kb, Tue, 27 Dec 2022  
16:11:33 GMT)

Submission Questions Response:

