03 October 2023

The Vice-Chancellor

Bangladesh University of Business and Technology

Plot #77-78, Road #9, Rupnagar R/A, Mirpur-2, Dhaka

Through Director of IQAC

Subject: **About the Financial Support for our accepted IEEE Conference paper.**

Sir,

With due respect, I am glad to share with you that our research paper titled **"Improved Convolutional Neural Network and Transfer Learning with VGG16 Approach for Image Classification"** under the supervision of **Md. Saifur Rahman** Assistant Professor and Chairman of Dept. of CSE (BUBT) has been accepted for the 2023 International Conference on Innovation and Intelligence for Informatics, Computing, and Technologies (**3ICT2023**) by **IEEE Bahrain Section**, **University of Bahrain, Bahrain** for presentation. I have also three coauthors of our research paper which are Md. Oli Ullah, Minhaz Kamal and Md. Sabbir Hasan Sohag. I need financial support for registration to attend and present it at the IEEE Xplore Digital Library. I therefore kindly request that you provide me with financial support of **5,600** tk to present our research at 3ICT2023. Please consider making a financial contribution to support our team. I have attached the accepted confirmation mail from 3ICT2023.

I therefore kindly request that you provide me with financial support of **5,600** tk to present our research at 3ICT2023.

Sincerely Your's

Habibullah

Teaching Assistant

Dept. of CSE

Bangladesh University of Business and Technology (BUBT)

Abstract:

Transfer learning may boost modeling speed. This research unifies the improved VGG16 model. Skipping VGG16's entirely connected layer and tying it to the layer following it improves CNN's architecture and reduces its processing burden. CNNs are classifying cat and dog photos. With a small dataset, CNN training may take time and resources. Transfer learning uses ImageNet models to handle similar challenges in new contexts. Transfer learning enhances CNN cat-dog classification. The proposed technique selects a suitable pre-trained model, freezes its layers to retain acquired properties, adds layers to learn task-specific features, and tunes it using the cat and dog dataset. Data augmentation improves model performance and prevents overfitting. Hyperparameter optimization and validation enhance model accuracy and speed. This method enhances cat and dog photo classification even without adequate data to train CNNs with an accuracy of 97%.

Confirmation Email from 3ICT2023 Chair:

M Gmail

Habibullah <basharmd978@gmail.com>

3ICT2023 Review Decision For Your paper #1570941121 ('Improved Convolutional Neural Network and Transfer Learning with VGG16 Approach for Image Classification')

3ICT2023 <3ict2023-chairs@edas.info>   Wed, Sep 13, 2023 at 11:25 PM
To: Habib Ullah <basharmd978@gmail.com>, "Md. Oli Ullah" <oliullah.bubt@gmail.com>, Minhaz Kamal <minhazkamal@bubt.edu.bd>, "Md. Sabbir Hasan Sohag" <s.hasan@bubt.edu.bd>, "Md. Saifur Rahman" <saifurs@gmail.com>

Dear Mr. Habib Ullah:

Congratulations - your paper #1570941121 ('Improved Convolutional Neural Network and Transfer Learning with VGG16 Approach for Image Classification') has been accepted for presentation in the 2023 International Conference on Innovation and Intelligence for Informatics, Computing, and Technologies (3ICT). Your manuscript should be prepared as a two column pdf file without the page numbers using the standard IEEE 2-column paper format that can be found at:
http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Please note that according to IEEE xplore publishing Criteria: any paper with high similarity or excessive citation for the used references & self citation must be rejected.

The following information is provided to help you in publishing your final paper in the proceedings of 3ICT2023.

Please note that your manuscript will reviewed once more before submission to IEEExplore, and will not publish your paper if the plagiarism is high in your paper and the PDF does not comply with the template instructions such as paper length, margins, and fonts embedding.

The due date for submitting the final version of your paper is October 20, 2022.

IEEE-Xplore-compatible PDF generation
The final paper must be converted into PDF with settings compliant with the requirements of the IEEE Xplore digital library. To this purpose, the IEEE PDF eXpress website web tool should be used. PDF files generated in a different way might not be IEEE Xplore-compliant and could be rejected.

The instructions to generate an IEEE-Xplore-compatible PDF file using the IEEE PDF eXpress web tool are listed below:
Create an IEEE PDF eXpress account using the following conference ID: 56508X.
The first time you access IEEE PDFeXpress, please follow the link (https://www.pdf-express.org/) to "New Users".

1. Select the New Users - Click Here link.
2. Enter the following:
• 56508X for the Conference ID
• your email address
• a password
3. Continue to enter information as prompted.

An Online confirmation will be displayed and an email confirmation will be sent verifying your account setup.

After logging in, please upload the source files of your camera-ready paper for conversion (e.g. DOC, DOCX, TEX and so on). Alternatively, you can also just check the compliance of your generated PDF file.
After a few minutes, you will receive the IEEE-Xplore-compatible PDF version of your paper by e-mail. You have to submit the received IEEE-Xplore-compatible PDF through edas.

Please note that according to IEEE xplore publishing Criteria: any paper with high similarity or excessive citation for the used references & self citation must be rejected.

The following information is provided to help you in publishing your final paper in the proceedings of 3ICT2023.

Papers authored

Track	Paper title (details)	Edit	Upload	Withdraw or unwithdraw
03 Artificial Intelligence	*Improved Convolutional Neural Network and Transfer Learning with VGG16 Approach for Image Classification*	✎	☁	⊗

Reviews assigned to others

ⓘ   You have not assigned any reviews for this conference to other reviewers.

Registrations

Event:Option	Description	Available for	Attendee	Papers covered	Cancel Convert
01 AR:STR	Author Registration Student Registration	students	self	*Improved Convolutional Neural Network and Transfer Learning with VGG16 Approach for Image Classification*	⊗

Registration payments

Amount	Method	Wire transfer receipts (upload)	Paid	Invoice	Receipt	Visa letter	Attendee certificate	Cancel
$50.00	creditcard		🖼	📄			⊗🗑

CONFERENCE REGISTRATION

Registrations for 3ICT conference are done electronically using the Online EDAS conference management system (Cancellation fee beyond 24 hours are 50 %, no cancellation after 20th of October, 2023)

REGISTRATION FEES

Registration	Fees
Non-IEEE	$150
IEEE Member	$100
Student	$50