APPLICATION FORM FOR SCHOLARSHIP THROUGH ICCR
TO BE FILLED BY APPLICANT

Application Made Through	: Bangladesh High Commission of India Dhaka
1. Full name (IN BLOCK LETTERS)	: Mr. AYAN KRISHNA PAUL
2. Gender	: Male
3. Date of Birth	: 22/12/1997
4. Country	: Bangladesh
5. Country of Residence	: Bangladesh
6. Passport No	: EG0349376

a) Date of Issue	b) Date of Expiry	c) Place of Issue
26-7-2020	25-7-2025	DHAKA

7. Postal Address : SIX ANI BAZAR, TANGAIL HEAD OFFICE, TANGAIL SADAR

a) City	b) State	c) Country	d) Zipcode
TANGAIL	DHAKA	Bangladesh	1900

8.Telephone/Mobile Number

Contact No	: + +916295196549
Email Id	: ayankrishnapaul@gmail.com
Permanent Unique ID of your country (Excluding Passport No.)	: 19979328713000647

9. Details of Father/Mother/Guardian

Name	Relation	Occupation	Country
ATUL KRISHNA PAUL	FATHER	BUSINESS	Bangladesh

Address : SIX ANI BAZAR, TANGAIL HEAD OFFICE, TANGAIL SADAR

City	State	Country	Zincode
TANGAIL	DHAKA	Bangladesh	1900

10. Knowledge of English	: Yes

Written: Good	Spoken: Good	Reading: Good

11. English Proficiency Test : No

12. Essey:

I intend to explain a research query which I am seeking to solve. It is all about "Fake news detection" using BERT text classification method rather than using most typically presented neural network architecture. In this research, I will also try to collect data from Facebook and Twitter in an effort to measure the accuracy of the system by passing them through the model. "Fake News" are those headlines, bulletins or messages containing fabricated news and misinformation to hoax or deceive people or to create any unstable situation in society using traditional or non-traditional social media channels. These news are continuously being shared in diverse social media platforms which spread rumors, and it is affecting many cultures, their beliefs, which turn out to be the issue for a country or society to prosper its meant way. So, it has become the principle importance to stumble on all those unrelated, fake and fabricated news and disrupt them from conventional or non-traditional media channels like social media which will help people to have the real news and a hindrance from being misinformed. Different ways have been proposed to detect these fake news. Most of them are on a neural network based on where state-of-the-art deep networks are used to classify the text. In my studies I would like to use Transformer as the basic building block of most current state-of-the-art architectures of natural language processing. Here pre-trained BERT may be used that is one of the most famous transformer models. The faux information will be detected by predicting the stance between the headline and the article of the news. The dataset may break up into train, validation and test splits. The most well-known library Huggingface will be used for implementing a state-of-the-art transformer. The Pytorch will also be used. The steps for the whole process include: importing libraries, preprocessing and preparing data, building a model, training and at the end evaluation. BERTTokenizer and BERTSequenceClassification libraries will be imported to construct the tockenizer and model. Additionally, in the dataset we will add a title text column to test whether an article is real or fake along with the title and text. Firstly, we will create the Text field and the Label field where the text field will be used as the information article and the label will be the true target. "bert-base-uncased" version of BERT is the smaller model skilled on lower-cased English textual content supposed to be used. We will not save the optimizer as it generally takes very large storage space and assumes no training from the previous checkpoint is wanted. The training matric will keep the training loss and global steps in order that a visualization containing the training process may be made later. We will also try to plot a diagram after the successful completion of the training. From my research until now I came to understand BERT performs quite well on various datasets, and it is going to supply a smooth way to detect fake news.

13. Course applied for

Post Graduate

Course Type

Engineering

14. Univesities/Institutes in India where you wish to seek admission:

Note : ICCR provides scholarships only for courses in central or state goverment universities. Candidates should be very specific and clear about the course of study which he/she wishes to pursue in India. Scholarships are not available to pursue more than one course. Candidates should ensure that the courses listed here are offered by all five Universities listed under S.No.14. The candidates must refer to the University/Institute website to know the eligibility criteria for the courses of their choice. Those seeking admission to agricultural courses must opt for ICAR in the University choice.
Please select Univesrity in order of preference.

Course you wish to study	University	Course Stream
M.Tech	IIT Bombay	COMPUTER SCIENCE AND ENGINEERING
M.Tech	IIT Delhi	COMPUTER SCIENCE AND ENGINEERING
M.Tech	Delhi Technological University	COMPUTER SCIENCE AND ENGINEERING
M.Tech	IIT Kharagpur	COMPUTER SCIENCE AND ENGINEERING
M.Tech	Jadavpur University	COMPUTER SCIENCE AND ENGINEERING

Note: Once admission is confirmed, no change in either course or University/Institute will be permitted by the Council.
Allotment of colleges is done by the respective Universities.

15. Previous Educational Qualifications

Certificate/Degree	Country	Name of School/University/Board	Year	Percentage(%)/Grade
Grade X (equivalent to Grade X in India)	Bangladesh	BINDUBASHINI GOVT. BOYS' HIGH SCHOOL, TANGAIL	2013	5.00
Grade XII (equivalent to Grade XII in India)	Bangladesh	MAJOR GENERL MAHMUDUL HASAN ADARSHA COLLEGE, TANGAIL	2015	5.00
Undergraduate (equivalent to three years course after grade XII in India)	India	NETAJI SUBHAS INSTITUTE OF TECHNOLOGY(NSIT)/UNIVERSITY OF DELHI(DU), NEW DELHI	2021	6.37 (TILL 6TH SEMESTER)

Note: (Details of any course in Indian Universities/Institutes which the scholar is currently attending or has attended in past.(Optional)

Year	Name of School/University/Board	Course
2021	NETAJI SUBHAS INSTITUTE OF TECHNOLOGY(NSIT)/UNIVERSITY OF DELHI(DU), NEW DELHI	B.E. (COMPUTER ENGINEERING)

16. Give below the names of two persons who have agreed to testify from their personal knowledge to your character (they must not be related to you and should have direct knowledge of your academic pursuits).

Reference 1

Name	Occupation	Email	Telephone	Postal Address
Dr MPS Bhatia	Professor	mpsbhatia@nsut.ac.in	9818192294	Netaji Subhas Institute of Technology (NSIT), Dwarka, New Delhi, PIN-110078.

Reference 2

Name	Occupation	Email	Telephone	Postal Address
Dr Yamini Agawal	Lecturer	yamini.ag@gmail.com	9891658814	Netaji Subhas Institute of Technology (NSIT), Dwarka, New Delhi, PIN-110078.

17. Details of close relative(s) or friends, if any, in India.

Name	Relationship	Occupation	Telephone	Email	Postal Address

18. Have you travelled or lived in India in the past?   Yes

19. Have you ever availed of ICCR Scholarship earlier?   No

20. Are you currently a resident in India?   Yes

21. Are you married to an indian national ?   No

Postal Address Netaji Subhas Institute of Technology (NSIT), Dwarka, New Delhi, PIN-110078. 22. Do you have an International driving licence?   No

23. Any Other Information:

Date: 17-05-2021

Place: New Delhi

I hereby declare that the particulars given above are true to the best of my knowledge and belief and that I have understood the financial terms and conditions of the Schholarship Scheme. I hereby undertake to abide by them, and I also undertake to return to my country after completion of my studies in India.

Ayon Krishna Paul.

Signature

All Documents

S.No.	Document Name	Uploaded Document	Uploaded Time
1	Permanent Unique ID *	⬇ Click to view Document	01-05-21 11:06:56 am
2	Passport Copy (Front & Back Pages giving details of personal particulars and residence address) (Document size must be less than 2 MB)*	⬇ Click to view Document	01-05-21 11:06:56 am
3	Marks/Grade Card of Grade X and Transcript (equivalent to Grade X in India) (Document size must be less than 2 MB)*	⬇ Click to view Document	01-05-21 11:02:58 am
4	Marks/Grade Card of Grade XII and Transcript (equivalent to Grade XII in India) (Document size must be less than 2 MB)*	⬇ Click to view Document	01-05-21 11:02:58 am
5	Under-Graduate Mark sheet and Transcript. (Document size must be less than 2 MB)*	⬇ Click to view Document	01-05-21 11:04:00 am
6	Copy of Residential Permit. (Document size must be less than 2 MB)*	⬇ Click to view Document	01-05-21 11:05:31 am
7	Medical fitness certificate (Document size must be less than 2 MB)*	⬇ Click to view Document	01-05-21 11:06:05 am
8	English Translation of all documents which are not origanly in English (Document size must be less than 3 MB)	⬇ Click to view Document	01-05-21 11:40:09 am
9	Any Other Document (Document size must be less than 3 MB)	⬇ Click to view Document	01-05-21 11:35:12 am

I hereby declare that the particulars given above are true to the best of my knowledge and belief and I have understood the Terms and Conditions of the Schholarship Scheme and hereby undertake to abide by them. I also undertake to return to my country after completion of my studies in India.Any false information given in the application will be liable to cancellation of admission.