

PAPPU PAUL

Lecturer

Department of Meteorology, University of Dhaka, Bangladesh

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PERSONAL DATA Place and date of birth: Dhaka, Bangladesh | December 16, 1995
Nationality: Bangladeshi by birth

EDUCATION Master of Science in Physics, University of Dhaka, Bangladesh.
Supervisor: Professor Ishtiaque M. Syed,
Examination started: July 2019 | Result Published: July 2020
CGPA: **3.97** on a scale of 4.00 (**Position: 1st**).

Bachelor of Science (Honors) in Physics University of Dhaka, Bangladesh
Examination started: Dec 2017 | Result Published: Sept 2018
CGPA: **3.64** on a scale of 4.00 (**Position: 2nd**)

Higher Secondary Certificate Examination (2013)
Board: Dhaka; Group: Science; Obtained GPA: **5.00** out of 5.00

Secondary School Certificate Examination (2011)
Board: Dhaka; Group: Science; Obtained GPA: **5.00** out of 5.00

COMPUTER SKILLS G-fortran & c++ programing, Accuracy of using various operating system: linux, windows (7, 8, 10), Proficiency in Microsoft Office (Word, Excel, Power-point) documentation.

EXPERIENCE

1. Working as a lecturer in the Department of Meteorology at University of Dhaka since June, 27 2021.
2. Worked as a lecturer in the Department of Science & Humanities at Military Institute of Science and Technology (January 01, 2021 to June, 24 2021).
3. Worked as a lecturer in the Department of Computer Science and Engineering at United International University (February 2020 to July 2021).

RESEARCH
EXPERIENCE

1. Master Degree Thesis at Department of Physics, University of Dhaka, Thesis title: “Study of Pre-Monsoon Thunderstorm Events using WRF-ARW Model in Bangladesh.”
2. Calculation of vertical profile of the Electric Field and Lightning Potential Index (LPI) in developing thundercloud.

PUBLICATION

1. **Paul, P.**, Imran, A., Islam, Md. J., Kabir, A., Jaman, S., & M. Syed, I. (2019). Study of Pre-Monsoon Thunderstorms and Associated Thermodynamic Features Over Bangladesh Using WRF-ARW Model. *Dhaka Univ. J. Sci.*, 67(2), 151–156. Retrieved December 6, 2020, from https://www.researchgate.net/publication/342944943_Study_of_Pre-Monsoon_Thunderstorms_and_Associated_Thermodynamic_Features_Over_Bangladesh_Using_WRF-ARW_Model
2. Another Manuscript under preparation.

CONFERENCE
PRESENTATIONS

1. **Paul, P.**, Imran, A., Syed, I. M., Mallik, M. A. K., Islam, Md. J., & Jaman, S. (2019). *Prediction of Pre-Monsoon Thunderstorms and Its Associated Thermodynamic Feature over Bangladesh Using WRF-ARW Model*. International Conference on Contemporary Research and Applications of Meteorology ICCRAM-2019, Bangladesh Meteorological Department, Dhaka, Bangladesh.
2. **Paul, P.**, Imran, A., Syed, I. M., Mallik, M. A. K., & Islam, Md. J. (2020). *Study of Pre-Monsoon Thunderstorm Events using WRF-ARW Model in Bangladesh*. International Conference on Physics-2020, Atomic Energy Centre, Dhaka.

FELLOWSHIP &
AWARD

1. Got National Science and Technology (NST) fellowship 2019-2020.
2. Got best presentation award at the International Conference on Physics by Bangladesh Physical Society 2020.

SPECIAL COURSE

Computational Atomic Astrophysics Workshop conducted by Dr. Sultana N. Nahar from University of Ohio, held in Department of Physics, University of Dhaka, Bangladesh. (2017)

VOLUNTEER
EXPERIENCE

Volunteer at the International Conference on Physics by Bangladesh Physical Society (2019 & 2020).

REFERENCES

1. **Dr. Ishtiaque M. Syed**

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University of Dhaka, Bangladesh

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2. **Dr. Md. Wahadoszamen**

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3. **Dr. Mahabub Alam Bhuiyan**

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