RAMKRISHNA MISSION VIDYAMANDIRA

FACULTY ACADEMIC PROFILE/ CURRICULUM VITAE

1. **Name**: Dr. Aminuddin Ali
2. **Designation**: Assistant Professor
3. **Date of Birth** 23.09.1988
4. **Specializations**: Actuarial Statistics, Reliability.
5. **Contact Information**:

Contact Address: Ramkrishna Mission Vidyamondir, Belur, Howrah,
Pin-711202, WB
Email: aminuddinali2@gmail.com
aliamin.stat@gmail.com

Phone Number : 9153260200 / 8637835105

5. **Academic qualifications**:

University from which the degree was obtained	Abbreviation of the degree
Visva-Bharati	B.Sc.
Visva-Bharati	M.Sc.
Visva-Bharati	Ph.D.

6. Past Employments/ Academic Experience:

i. Internship - NSSO (FOD), MOSPI, May-June, 2011.
ii. Field Investigator (FI) – NSSO (FOD), MOSPI, August, 2012 – July, 2015.
iii. Doctoral Research Fellow- Department of Satatistics, Visva-Bharati, July, 2017 – 2023.
iv. Guest Teacher- Department of Statistics, Visva-Bharati, March, 2018 – July, 2019.
v. Assistant Professor- Ramkrishna Mission Vidyamondir, Belur , since August 2019.

7. Administrative Experience:

Nil

8. Research Interests:

- Applications of Statistics in Weather & Climate Research
- Big Data Analysis
- Time Series Analysis
- Reliability Engineering
- Machine Learning
- Spatial Statistics

9. **Research Guidance / Supervision**:

Number of researchers awarded M.Phil/ Ph.D degrees : 0/0
Number of researchers pursuing M.Phil/ Ph.D : 0/0

10. Research Projects :

Completed projects:

Nil

Current projects:

Nil

11. **Select list of publications**:

a) Journals / Online Journals:

- Aminuddin Ali, The Relationship among Secondary Level Student's Mathematics Anxiety in the District of Burdwan, International Journal of Research in Management and Social Sciences, ISSN: 2322-0899, Vol-6, 2018.

- Ali A. (2020): Statistical Downscaling for Improving Global model rainfall forecasts of seasonal rainfall over North-East India, IJRAR, Vol-7:220-236.

- Ali A. (2023): The High resolutions improved Global Models Rainfall Forecasts of Seasonal Rainfall using Statistical Downscaling Methods over South Asia, Aligarh Journal of statistics (AJS), Vol-42:27-40.

b) ***Books/ book chapters / E-book****:*

Ali and T. Ghosh (2022): Statistical Downscaling method for Improving Global model rainfall forecasts of seasonal rainfall over West Bengal, India, in Climate, Environment and Disaster in Developing Countries, Springer, pp. 61-87.

Ali, A and Khatun, Y. (2024): The High Resolution Statistical Downscaling of Seasonal Rainfall Forecasts Models for Comprehensive Evaluation of Hybrid Gamma Distribution for Districts of West Bengal, India, Springer (SCOPUS)

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c) ***Conference/ seminar volumes***:

- Nil

d) ***Edited volumes***:

- Nil
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e) Articles:

- Nil
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f) Policy documents:

- Nil
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g) ***Editor(s) / Co-Editor(s)*****:**

12. **Membership of Learned Societies**:

Nil

13. Fellowships:

Awarded UGC-MANF fellowship for Doctoral Research.

14. Patents:

Nil

15. Invited lectures delivered:

Nil

16. Awards:

Nil

17. Papers presented in Conferences, Seminars, Workshops and Symposia:

i. Aminuddin Ali, Performance Analysis and Validation of Major Global Weather Models for Seasonal Rainfall Forecasts Over India, 10th International Triennial Calcutta Symposium (2018).

ii. Ali A. (2019): The performance of primary global weather models and statistical downscaling (SD) of improved seasonal rainfall forecasts models for India and West Bengal(WB), 4th regional science and technology congress, BU, DST: December 09-10.

iii. Ali A. (2023): The performance of CFSv2 and high resolution statistical downscaling of improved seasonal rainfall forecasts model for West Bengal, India. 5th regional science and technology congress (region 3- Nadia and North 24-Parganas), West Bengal State University, DST and Biotechnology: January 19-20.

iv. Ali A. (2024): The Composite Multiple Gridded Statistical Downscaling Seasonal Rainfall Forecasts Model for West Bengal. 6th regional science and technology congress, University of Kalyani, WB: January 03-04.

17. **Other notable activities**:

Nil

Dr. Aminuddin Ali