PROFORMA - 2

UNIVERSITY OF CALCUTTA

ACADEMIC DEPARTMENT: STATISTICS

FACULTY ACADEMIC PROFILE/ CV

1. **Full name of the faculty member:**   ARINDAM SENGUPTA

2. **Designation :**   Professor

3. **Specialisation :**   Probability Theory

4. **Passport size photograph :**

5. **Contact information :**   Department of Statistics, University of Calcutta,
   35 Ballygunge Circular Road, Kolkata 700019, WB

   Email: asgstat@caluniv.ac.in
   Phone: +91-9433590336

6. Academic qualifications:

College/ university from which the degree was obtained	Abbreviation of the degree
Indian Statistical Institute, Kolkata	B. Stat. (Hons.)
Indian Statistical Institute, Kolkata	M. Stat.
Indian Statistical Institute, Kolkata	Ph. D.

7. Positions held/ holding:

(a) Professor, Department of Statistics, University of Calcutta, Kolkata, West Bengal: 24.08.2013 – present
(b) Associate Professor/Reader, Department of Statistics, University of Calcutta, Kolkata, West Bengal: 19.12.2005 – 23.08.2013
(c) Assistant Professor/Senior Lecturer, Department of Mathematics, Indian Institute of Technology (IIT) Guwahati, Assam: 30.8.2001 – 18.12.2005

8. Research interests:

- *Probability Theory*
- *Asymptotic Inference*
- *Stochastic Processes*

9. Research guidance:

Number of researchers awarded M.Phil/ Ph.D degrees : 1 (M. Phil.)

Number of researchers pursuing M.Phil/ Ph.D : 1 (Ph. D.)

10. Projects:

Completed projects: none

Current projects: none

11. Select list of publications:

a) *Journals:*

- A Gaussian Process Arising from Likert-Type Scaling (with Tuhinsubhra Bhattacharya). *Journal of the Indian Society for Probability and Statistics* **18** (2017), no. 1, 77-87.
- On Weak Convergence in $\mathcal{M}(\mathbb{H})$: relaxation of a sufficient condition (with Suman Majumdar and Subrata Kundu). *Sankhya A* **76** (2014), no.~1, 146-149.
- BAN Estimates of Class Boundaries under Likert-type Scaling (with Tuhinsubhra Bhattacharya). *Calcutta Statist. Assoc. Bull.* **65** (2013), nos. 257-260, 145-153.
- Markov processes, time-space harmonic functions and polynomials. *Statistics & Probability Letters* **78** (2008), no. 18, 3277–3280.
- Asymptotic Properties of Sums of Upper Records (with Arup Bose, Sreela Gangopadhyay & Anish Sarkar). *Extremes* **6** (2003), 147-164.
- Convergence of Lower Records and Infinite Divisibility (with Arup Bose, Sreela Gangopadhyay & Anish Sarkar). *Journal of Applied Probability* **40** (2003), 865-880.
- Time-space Harmonic Polynomials for Continuous-time Processes and an Extension; *Journal of Theoretical Probability* **13** (2000), no. 3, 951-976.
- Moments of Escape Times of Random Walk (with A. Goswami). *Proceedings of The Indian Academy of Sciences (Mathematical Sciences)* **109** (1999), 397-400.

b) *Books/ book chapters*:

- Polynomially Harmonizable Processes and Finitely Determined Levy Processes (with A. Goswami). *Probability, Statistics and their Applications: I.M.S. Festschrift in honour of Prof. R N. Bhattacharya*, Institute of Mathematical Statistics Lecture Notes - Monograph Series Vol. 41 (2003), 153-167.

c) *Conference/ seminar volumes*:

d) *Other publications*:

- Editor, Calcutta Statistical Association Bulletin vol. 65 (special volume) (with Asis K. Chattopadhyay)

12. Membership of Learned Societies: Calcutta Statistical Association, Indian Statistical Institute, Indian International Statistical Association

13. Patents: *none*

14. Invited lectures delivered: *In various universities, institutes, colleges & in conferences, seminars, workshops, training programmes etc.*

15. Awards: NBHM Research Award, 1989

16. Other notable activities:

Refereeing/reviewing services: Bulletin of Calcutta Statistical Association, Statistics & Probability Letters, Sankhya, Journal of Theoretical Probability, Applied Stochastic Models, Mathematical Reviews, International Statistical Review etc.

Signature of the faculty member

Arindam Sengupta

Date: 06.08.2019