

Curriculum Vitae of Dr. Kiranmoy Das

Demographic Information

1. Date of Birth: May 9, 1983
2. Place of Birth: Balageria, Midnapore (East), West Bengal, India
3. Country of Citizenship: India
4. Marital Status: Married
5. Postal Address: Rajwada Springfield (Block A, 5D), EM Bypass (Elachi More), Narendrapur, Kolkata-700103
6. Office Address: Indian Statistical Institute, 406 R.A. Fisher Bhavan, 203 B.T. Road, Kolkata-700108
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Professional Experience

1. Associate Professor, Indian Statistical Institute, Kolkata (2019-till date)
2. Research Fellow (equivalent to Full Professor): Beijing Institute of Mathematical Sciences and Applications (under Tsinghua University), Beijing, China (from September 2023)
3. Assistant Professor, Indian Statistical Institute, Kolkata (2014-2018)
4. Visiting Faculty of Statistics, The Pennsylvania State University, University Park (August-December, 2018)
5. Assistant Professor, Department of Statistics, Presidency University, Kolkata (2013-2014)
6. Assistant Professor, Department of Statistics, Fox School of Business and Management, Temple University, Philadelphia (2011-2013)
7. Graduate Research Assistant, Department of Statistics, The Pennsylvania State University (2009-2011)
8. Graduate Teaching Assistant, Department of Statistics, University of Florida (2006-2008)
9. Business Analyst, Market Rx. India Pvt. Ltd., Gurgaon. (2005-2006)

Education

1. Ph.D. (2011) Department of Statistics, The Pennsylvania State University (Supervisors: Prof. Rongling Wu, and Prof. Runze Li). Thesis Title: Bayesian functional mapping for irregular sparse longitudinal data
2. Master of Statistics (2005) Indian Statistical Institute, Kolkata, India (Specialization: Biostatistics and Data Analysis)
3. Bachelor of Science (2003) Ramakrishna Mission Residential College, Narendrapur, (under the University of Calcutta, with honours in Statistics)

Research Interests

- (i) Bayesian Semi-parametric Modeling
- (ii) Longitudinal Data Analysis
- (iii) Model Selection & Quantile Regression
- (iv) Biostatistics/ Statistical Genomics
- (v) Wireless Communications and Complex Networks

List of Publications:

(a) Semi-parametric Bayesian Modeling

1. **Das, K.**, Ghosh, P., and Daniels, M. (2021), Modeling multiple time-varying related groups: a dynamic hierarchical Bayesian approach with an application to the health and retirement study. *Journal of the American Statistical Association*, 116(534), 558-568.
2. **Das, K.**, Pareek, B., Brown, S., and Ghosh, P. (2021), A semi-parametric Bayesian dynamic hurdle model with an application to the health and retirement study. *Computational Statistics*, 37, 837-863.
3. **Das, K.** (2016), A semi-parametric Bayesian approach for joint modeling of longitudinal trait and event time. *Journal of Applied Statistics*, 43(15), 2850--2865.
4. **Das, K.**, Afriyie, P. and Spirko L. (2015), A semi-parametric Bayesian model for analyzing longitudinal data from multiple related groups. *The International Journal of Biostatistics*, 11(2), 273-284.
5. **Das, K.** and Daniels, M. (2014), A semi-parametric approach to simultaneous covariance estimation for bivariate sparse longitudinal data. *Biometrics*, 70(1), 33-43.
6. **Das, K.**, Li, J., Fu, G., Li, R. and Wu, R. (2013), Dynamic semi-parametric Bayesian model for genetic mapping of complex trait with irregular longitudinal data. *Statistics in Medicine*, 32(3), 509-523.
7. **Das, K.**, Li, R., Sengupta, S. and Wu, R. (2013), A semi-parametric Bayesian model for bivariate sparse longitudinal data. *Statistics in Medicine* 32(22), 3899-3910.

(b) Analysis of Large-Scale Data

8. Sen, S., Kundu, D., and **Das, K.** (2022), Variable selection for categorical response: A comparative study. *Computational Statistics*, DOI:10.1007/s00180-022-01260-1
9. Basu, P., Cai, T.T., **Das, K.**, Sun, W. (2018), Weighted False Discovery Rate Control in Large Scale multiple Testing. *Journal of the American Statistical Association*, 113(523), 1172-1183.
10. **Das, K.**, and Sobel, M. (2015), Dirichlet Lasso: A Bayesian Approach to Variable Selection. *Statistical Modelling*, 15(3), 215-232.
11. **Das, K.** (2013), Statistical Challenges in the Analysis of Dynamic Traits: Implications for pharmacogenomic clinics. *Advanced drug delivery reviews*, 65(7), 973-979.

12. Li, J., **Das, K.**, Fu, G., Li, R. and Wu, R. (2011), The Bayesian Lasso for Genome-wide Association Studies. *Bioinformatics*, 27(4), 516-523.

(c) Model Selection & Quantile Regression

13. Kedia, P., Kundu, D., and **Das, K.** (2022), A Bayesian variable selection approach to longitudinal quantile regression. *Statistical Methods & Applications*, DOI: <https://doi.org/10.1007/s10260-022-00645-2>.
14. Kundu, D., and **Das, K.** (2023), Bayesian quantile joint modeling with an application to acute lymphocytic leukemia maintenance studies (*under review*).
15. Sen, S., Kundu, D., and **Das, K.** (2023), A flexible Bayesian approach for modeling interval data (*invited for a revision from Statistical Methods & Applications and the revision submitted*).
16. Kundu, D., Sarkar, P., and **Das, K.** (2023), A Bayesian joint model for multivariate longitudinal and time-to-event data with application to ALL maintenance studies. *Journal of Biopharmaceutical Statistics*, DOI: 10.1080/10543406.2023.2171430.
17. Biswas, J., and **Das, K.** (2021), A Bayesian quantile regression approach to multivariate semi-continuous longitudinal data. *Computational Statistics*, 36(1), 241-260.
18. Biswas, J., Ghosh, P., and **Das, K.** (2020), A semi-parametric quantile regression approach to longitudinal outcomes with zero inflation and incompleteness. *Advances in Statistical Analysis*, 104(2), 261-283.
19. Biswas, J., and **Das, K.** (2019) A Bayesian approach of analyzing semi-continuous longitudinal data with monotone missingness. *Statistical Modelling*, 20(2), 148-170.
20. Bhuyan, P, Biswas, J., Ghosh, P., and **Das, K.** (2019), A Bayesian two-stage regression approach of analyzing longitudinal outcomes with endogeneity and incompleteness. *Statistical Modelling*, 19(2), 157-173.
21. Kulkarni, H., Biswas, J., and **Das, K.** (2018), A Joint Quantile Regression Model for Multiple Longitudinal Outcomes. *Advances in Statistical Analysis*, 103(2), 453-473.

(d) Wireless Communications/Health Informatics

22. Chatterjee, A., Biswas, J., and **Das, K.** (2020), An automated patient monitoring using discrete-time wireless sensor networks. *International Journal of Communications Systems*, 33, e4390.
23. Chatterjee, A., and **Das, K.** (2019), A Statistical model for automated patient monitoring using wireless body-area network. *IEEE Region 10 Symposium (TENSYMP)*, 78-83.
24. Chatterjee, A., and **Das, K.** (2018), State estimation and anomaly detection in wireless sensor networks. Arya K., Bhadoria R., Chaudhari N. (editors) *Emerging Wireless Communication and Network Technologies*. Springer, Singapore, pp. 317-334.
25. Chatterjee, A., Venkateswaran, P., and **Das, K.** (2016), Simultaneous State Estimation for Clustered Based Wireless Sensor Networks. *IEEE Transactions on Wireless Communications*, 15(12), 7985--7995.

(e) Biostatistics/Statistical Genomics

26. Sidhu, J., et al. (2022), Activity and toxicity of 1000 IU/m² polyethylene glycol-L-Asparaginase given intramuscularly fortnightly in children with acute lymphoblastic leukemia recruited to UKALL 2003 and UKALL 2011 clinical trials. *British Journal of Haematology*, DOI: <https://doi.org/10.1111/bjh.18158>.
27. Li, J., **Das, K.**, Fu, G., Tong, C., Li, Y., Tobias, C. and Wu, R. (2012), Statistical Models for Genetic Mapping in Polyploids: Challenges and Opportunities. *Methods in Molecular Biology*, Vol. 871 (Springer Publication, book chapter).
28. **Das, K.**, Huang, Z., Fu, G., Li, J. and Wu, R. (2012), Functional Mapping of Developmental Processes: Theory, Applications and Prospects. *Methods in Molecular Biology*, Vol. 871 (Springer Publication, book chapter).
29. **Das, K.**, Li, R., Huang, Z., Gai, J. and Wu, R. (2012), A Bayesian Framework for Functional Mapping Through Joint Modelling of Longitudinal Trait and Time-To-Event Data. *International Journal of Plant Genomics*, doi:10.1155/2012/680634.
30. **Das, K.**, Li, J., Tong, C., Wang, Z., Fu, G., Li, Y., Luo, J., Ahn, K., Li, R., Mauger, D. and Wu, R. (2011), A dynamic model for genome-wide association studies. *Human Genetics*, 129, 629-639.
31. **Das, K.**, Li, J., Fu, G., Wang, Z. and Wu, R. (2011), Genome-wide association studies for bivariate sparse longitudinal data. *Human Heredity*, 72:110-120.
32. Li, J., **Das, K.**, Fu, G., Tong, C., Li, Y. and Wu, R. (2010), EM Algorithm for Mapping Quantitative Trait Loci in Multivalent Tetraploids. *International Journal of Plant Genomics*, doi:10.1155/2010/216547.
33. Luo, J., Berg, A., Ahn, K., **Das, K.**, Li, J., Wang, Z., Li, Y. and Wu, R. (2010), Functional Genome-Wide Association Studies of Longitudinal Traits. *Handbook of Adaptive Designs in Pharmaceutical and Clinical Development*. (Chapman & Hall publication, book chapter).
34. Yap, J., Li, Y., Wu, R., **Das, K.** and Li, J. (2010), Functional mapping of reaction norms to multiple environmental signals through nonparametric covariance estimation. *BMC Plant Biology*, 11:23.
35. Fu, G., Berg, A., **Das, K.**, Li, J., Li, R. and Wu, R. (2010), A statistical model for mapping morphological shape. *Theoretical Biology and Medical Modelling*, 7:28.
36. Fu, G., Wang, Z., Li, J., **Das, K.**, Li, R. and Wu, R. (2010), Integrating Ordinary Differential Equations into Functional Mapping of Biological Rhythms. *Journal of Biological Dynamics*, 5:84-104.
37. Li, N., **Das, K.**, and Wu, R. (2009), Functional mapping of human growth trajectories. *Journal of Theoretical Biology*, 261, 33-42.
38. Wu, S., Yap, J., Li, Y., Li, Q., Fu, G., Li, J., **Das, K.**, Berg, A., Zeng, Y. and Wu, R. (2009), Network models for dissenting plant development by functional mapping. *Current Bioinformatics*, 4, 183-187.
39. Hou, W., Liu, T., Li, Y., Li, Q., Li, J., **Das, K.**, Berg, A. and Wu, R. (2009), Multilocus genomics of outcrossing plant populations. *Theoretical Population Biology*, 76, 68-76.
40. **Das, K.** and Wu, R. (2008), A statistical model for the identification of genes governing the incidence of cancer with age. *Theoretical Biology and Medical Modelling*, 5:7

(f) Miscellaneous Topics

41. Banerjee, A., and **Das, K.** (2022), A simple Gibbs sampler for the state estimation in wireless communications. *Indian Journal of Applied Research*, 12(2), 53-56.
42. **Das, K.**, Krzywinski, M., and Altman, N. (2019), Quantile Regression. *Nature Methods*, 16, 451-452.
43. Biswas, J., Kulkarni, H., and **Das, K.** (2017), Quantile Regression in Biostatistics. *Biostatistics and Biometrics*, 2(5): 555596, DOI: [10.19080/BBOAJ.2017.02.555596](https://doi.org/10.19080/BBOAJ.2017.02.555596).
44. **Das, K.** (2017), Challenges in the covariance estimation of longitudinal data. *Rashi*, 2(1), 58-66.
45. **Das, K.** (2015), Some additional considerations in modelling the dynamic traits and genome-wide association studies. *Physics of Life Reviews*, 13, 196-197.
46. Diloyan, G., Sobel, M., **Das, K.** and Hutapea, P. (2012), Effect of Mechanical Vibration on Platinum Particle Agglomeration and Growth in PEM Fuel Cell Catalyst Layers. *Journal of Power Sources*, 214, 59-67.
47. **Das, K.** (2012), Statistical thinking from small data to big data. *Journal of business and financial affairs*, doi:[10.4172/2167-0234.1000e119](https://doi.org/10.4172/2167-0234.1000e119).
48. **Das, K.** (2012), Bayesian Statistics: Challenges and Opportunities. *Journal of Entrepreneurship & Organization Management*, doi: 10.4172/2169-026X.1000e104.

Works in Progress

1. Model selection for longitudinal data with categorical responses (with R. Kanrar)
2. A lag as moderator (LAM) approach in joint modeling of longitudinal and survival data (with D. Kundu)
3. Latent class analysis in the joint modeling of longitudinal and survival data (with D. Kundu)
4. Bayesian spatial mixed model for count data (with T. Mondal)
5. A computational approach to e-health monitoring and prediction (with A. Chatterjee)
6. Quantile regression for multivariate longitudinal data and event-time (with J. Biswas and D. Kundu)
7. Analysis of categorical interval data in longitudinal studies (with M. Dey and D. Mukherjee)

Invited Talks and Presentations

1. A statistical model for the identification of genes governing the incidence of cancer with age. *Society of Industrial and Applied Mathematics (SIAM) student seminar, Department of Mathematics, University of Florida, September 2007 (contributed)*.
2. A statistical model for the identification of genes governing the incidence of cancer with age. *Graduate Student seminar, Department of Statistics, University of Florida, September 2008 (contributed)*.

3. Statistical Genetics of Quantitative Traits. *SIAM student seminar, Department of Mathematics, University of Florida, November 2008 (contributed).*
4. Nonparametric Functional Mapping of QTL underlying Growth: A Theoretical Framework. *SIAM conference, Department of Mathematics, University of Florida, March 2009 (contributed).*
5. A statistical model for the identification of genes governing the incidence of cancer with age. *Joint Statistical Meeting (JSM), Washington DC, August 2009 (contributed).*
6. Functional Genome-wide Association Studies. *Seminar lecture, Department of Biostatistics, Hershey Medical center, The Pennsylvania State University, January 2010 (Invited).*
7. A Bayesian Semi-parametric Approach to Functional Mapping. *Joint Statistical Meeting (JSM), Vancouver, Canada, August 2010 (contributed).*
8. A Semi-parametric Genetic Model for Irregular Sparse Longitudinal Data. *Department of Statistics, Temple University, December 2010 (Invited).*
9. A Semi-parametric Genetic Model for Irregular Sparse Longitudinal Data. *Department of Bio-statistics, University of Georgia, January 2011 (Invited).*
10. A Semi-parametric Genetic Model for Irregular Sparse Longitudinal Data. *Department of Statistics, Iowa State University, February 2011 (Invited).*
11. A Semi-parametric Genetic Model for Irregular Sparse Longitudinal Data. *Indian Statistical Institute, Kolkata, India, May 2011 (Invited).*
12. GWAS for Bivariate Sparse Longitudinal Data. *CIAS Conference, Indian Statistical Institute, Kolkata, India, January 2012 (contributed).*
13. A Semi-parametric Bayesian Approach for Joint Modeling of Longitudinal Trait and Event Time. *ENAR March 2012, Washington DC (contributed).*
14. Semi-parametric Bayesian Approach to Simultaneous Covariance Estimation. *Indian Statistical Institute, Kolkata, India, July 2012 (Invited).*
15. GWAS: Some new developments and Challenges. *CR Rao AIMSCS, Hyderabad, India, July 2012 (Invited).*
16. Semi-parametric Bayesian Approach to Simultaneous Covariance Estimation. *Young Statisticians' Conference, Burdwan University, December 2012 (contributed).*
17. Semi-parametric Bayesian Approach to Simultaneous Covariance Estimation. *Department of Biostatistics, Penn State University, February 2013 (Invited).*
18. Semi-parametric Bayesian Approach to Simultaneous Covariance Estimation. *Department of Statistics, University of Maryland, Baltimore, March 2013 (Invited).*
19. Semi-parametric Bayesian Approach to Simultaneous Covariance Estimation. *Indian Institute of Management, Bangalore, March 2014 (Invited).*
20. Anomalous node detection and State estimation of cluster-based wireless sensor networks. *Presidency University, Kolkata, India, February 2016 (invited).*

- 21.** A Semi-parametric Bayesian Approach for Joint Modeling of Longitudinal Trait and Event Time. *IISC, Bangalore, India, November, 2016 (invited)*.
- 22.** Modeling multiple time-varying related groups: a dynamic hierarchical Bayesian approach. *University of Kerala, Trivandrum, India, December, 2016 (invited)*.
- 23.** A dynamic hierarchical Bayesian approach of analyzing data from health and retirement study. *IASSL International Conference, Sri Lanka, December, 2017 (invited)*.
- 24.** Modelling multiple time-varying related groups: a dynamic hierarchical Bayesian approach with an application to the health and retirement study. *11th ICSA International Conference in Hangzhou, China, December 2019 (invited, but declined due to logistics issue)*.
- 25.** Modelling multiple time-varying related groups: a dynamic hierarchical Bayesian approach with an application to the health and retirement study. *ISI-ISM-ISSAS Joint Conference in Kolkata, February, 2020 (invited, but the program was cancelled due to Covid-19)*.
- 26.** A Bayesian Quantile Regression Approach to Multivariate Semi-Continuous Longitudinal Data with an Application to the Health and Retirement Study. *Applied Statistics Unit, Indian Statistical Institute, Kolkata, India, December 2020 (invited)*.
- 27.** A Bayesian Quantile Regression Approach to Multivariate Semi-Continuous Longitudinal Data with an Application to the Health and Retirement Study. *Department of Mathematics, Statistics and Computer Sciences, Yale-NUS College, Singapore, December 2020 (invited)*.
- 28.** An automated patient monitoring using discrete-time wireless sensor networks. *Indian Association for Productivity, Quality and Reliability, Kolkata, India, March 2021 (invited)*.
- 29.** Data Science: A Directional Change. *Jagadis Bose National Science Talent Search, Kolkata, India; July 2021 (invited)*.
- 30.** A Bayesian joint model for multivariate longitudinal and survival data with application to ALL maintenance studies. *Sakura Science Program, University of Nagasaki, Japan, March 2022 (invited)*.
- 31.** A Bayesian Quantile Regression to Multivariate Semi-Continuous Longitudinal Data. *ISBA (East Asia Chapter), Feng Chia University, Taiwan, July 2022 (invited)*.
- 32.** Bayesian Spatial Modeling with Applications. *Department of Economics, Presidency University, Kolkata, August 2022 (invited)*.
- 33.** A Bayesian Quantile Regression Approach to Multivariate Semi-Continuous Longitudinal Data with an Application to the Health and Retirement Study. *Data Science Seminar, Chennai Mathematical Institute (CMI), Chennai, September 2022 (invited)*.
- 34.** A Bayesian Quantile Regression Approach to Multivariate Semi-Continuous Longitudinal Data. *ICSIDS Conference, Florence, Italy, December 2022 (invited)*.
- 35.** A Bayesian joint model for multivariate longitudinal and survival data with application to ALL maintenance studies. *International Indian Statistical Association (IISA) Annual Conference, Bengaluru, December 2022 (invited)*.

36. Bayesian quantile joint modeling with an application to acute lymphocytic leukemia maintenance studies. *ISI-ISM-ISSAS Joint Conference in Taiwan, February, 2023 (invited)*.

Teaching Experience

Graduate courses: (MS/Ph.D Level)

1. **Statistical Computing II:**

2018 (Spring), 2019 (Spring), 2020 (Spring), 2021 (Spring), Indian Statistical Institute, Kolkata

2. **Bayesian Econometrics:**

2017 (Spring), Indian Statistical Institute, Kolkata

3. **Statistics with R**, 2022 (Spring) Indian Association for the Cultivation of Sciences (as guest faculty), Kolkata

4. **Regression Techniques:**

2020 (Fall), 2019 (Fall), 2017 (Fall), 2015 (Spring), 2015 (Fall), Indian Statistical Institute, Kolkata

5. **Statistical Genetics:**

2014 (Fall), 2016 (Fall), Indian Statistical Institute, Kolkata

2014 (Spring), Presidency University, Kolkata

2012 (Fall), Temple University, USA

6. **Measure Theory and Probability:**

2013 (Fall), 2014 (Spring), Presidency University, Kolkata

7. **Multivariate Analysis:**

2013 (Fall), Presidency University, Kolkata

8. **Mathematical Statistics I:**

2011 (Fall), Temple University, USA

9. **Mathematical Statistics II:**

2012 (Spring), 2013 (Spring), Temple University, USA

10. **Bayesian Statistics:**

2013 (Spring), Temple University, USA

Undergraduate courses:

1. **Statistical Methods I**, 2021 (Fall), 2022 (Fall), Indian Statistical Institute, Kolkata

2. **Statistical Methods II**, 2022 (Spring), 2023 (Spring) Indian Statistical Institute, Kolkata

3. **Introduction to Mathematical Statistics**, and **Introduction to Probability**; 2018 (Fall), The Pennsylvania State University, USA (as guest faculty)

4. **Sampling Distributions**, 2014 (Spring), Presidency University, India

5. **Business Statistics**, 2011 (Fall), 2012 (Fall), Temple University, USA

6. **Statistics for Engineers**, 2009 (Fall), 2010 (Spring), Fall 2010 (Fall), The Pennsylvania State University, USA

7. **Statistical Concepts**, 2010 (summer), The Pennsylvania State University, USA

Students Supervised

Statistics Ph.D. Students (thesis)

1. Dr. Jayabrata Biswas, Indian Statistical Institute, 2014—2019.
Thesis Title: Bayesian linear mixed models for analyzing semi-continuous longitudinal data. (Currently an Assistant Professor, Department of Statistics, University of Burdwan, India)
2. Ms. Damitri Kundu, Indian Statistical Institute, 2018—2023 (expected)
Thesis Title: Bayesian joint modeling of multivariate longitudinal and event-time data with an application to ALL maintenance study.

M.Stat/M.Sc. Students (project/dissertation)

1. Mr. Soutik Ghosal (Presidency University, 2014)
2. Ms. Debamita Kundu (Presidency University, 2014)
3. Mr. Debadyuti Roy (Presidency University, 2014)
4. Ms. Krittika Bhattacharya (Presidency University, 2014)
5. Mr. Shubhadeep Chakraborty (Indian Statistical Institute, 2015)
6. Mr. Biswajit Sen (Indian Statistical Institute, 2015)
7. Mr. Spandan Kumar (Indian Statistical Institute, 2015)
8. Mr. Rajib Oraon (Indian Statistical Institute, 2015)
9. Ms. Debaleena Sain (Presidency University, 2015)
10. Ms. Ankita Chatterjee (Presidency University, 2015)
11. Mr. Nalini Borah (Indian Statistics Institute, 2016)
12. Mr. Abhishek Chakraborty (Indian Statistical Institute, 2018)
13. Mr. Partha Sarkar (Indian Statistical Institute, 2019)
14. Ms. Priya Kedia (Indian Statistical Institute, 2019)
15. Mr. Piyal De (Indian Statistical Institute, 2019)
16. Mr. Rohit Kanrar (Indian Statistical Institute, 2020)
17. Mr. Bilol Banerjee (Indian Statistical Institute, 2020)
18. Mr. Shubhajit Sen (Indian Statistical Institute, 2021)
19. Ms. Sweata Sen (Indian Statistical Institute, 2021)
20. Mr. Ayan Paul (Indian Statistical Institute, 2021)
21. Mr. Pravat Hati (Indian Statistical Institute, 2023)
22. Ms Tannistha Mondal (Indian Statistical Institute, 2023)
23. Mr. Somnath Bera (Indian Statistical Institute, 2023)
24. Ms. Smita Sarkar (Indian Association for the Cultivation of Sciences, 2022-23)
25. Ms. Swetlina Hota (Indian Association for the Cultivation of Sciences, 2022-23)

Independent Study/ Research Projects:

1. Mr. Soumadeep Bhowmick, IIT Mumbai (2022-23)
2. Mr. Richik Chakraborty, CMI (2023)
3. Ms. Debasrija Mondal, Indian Association for the Cultivation of Sciences (2022-23)
4. Mr. Debtanu Ghosh, University of Calcutta (2021)
5. Mr. Mohit Mallick, University of Calcutta (2021)
6. Mr. Swastik Samanta, University of Kalyani (2021-22)
7. Mr. Rishav Chakraborty, University of Calcutta (2021)
8. Mr. Abhirup Banerjee, University of Calcutta (2019-20)
9. Mr. Srijato Bhattacharyya, Presidency University (2020)
10. Mr. Prajamitra Bhuyan, Indian Statistical Institute (2016-17)
11. Mr. Hemant Kulkarni, Indian Statistical Institute (2015-18)
12. Mr. Anamitra Chaudhuri, Indian Statistical Institute (2017-18)
13. Mr. Nabarun Deb, Indian Statistical Institute (2016)
14. Ms. Eva Biswas, Indian Statistical Institute (2015-16)
15. Mr. Debarghya Mukherjee, Indian Statistical Institute (2016)
16. Mr. Alokesh Manna, Indian Statistical Institute (2017-18)
17. Mr. Debangshu Ari, Indian Statistical Institute (2017-18)
18. Ms. Lauren Spirko, Temple University, USA (2011-13)
19. Mr. Prince Afriyie, Temple University, USA (2011-13)

Awards/Honors

1. **Prof. C.R. Rao National Award** in Statistics, by the Ministry of Statistics and Program Implementation, Government of India (2021)
2. Associate Fellow of Indian Academy of Sciences (July 2019- December 2022)
3. Associate Fellow (Mathematical Science Division) of West Bengal Academy of Science & Technology; (2018-2023)
4. Ramakrishna Mission Scholarship for outstanding performance in B.Sc. Part I Examination; (2002)
5. **Swami Lokeshwarananda Award** for overall performance in the undergraduate program; RKM Residential College, Narendrapur (2003)
6. Special award for obtaining **full marks in Mathematics** (200 out of 200) at the 10+2 level board examination (2000)

Other Professional Experiences

Reviewed papers for the Journals:

Biometrics, Biometrical Journal, Canadian Journal of Statistics, Journal of the American Statistical Association, Journal of Multivariate Analysis, Journal of Agricultural Biological and

Environmental Statistics, Statistics in Medicine, Statistics and Probability Letters, Statistical Applications in Genetics and Molecular Biology, Physics of life reviews, Applied Physics Reviews, Genetics, BMC Genetics, Theoretical Biology and Medical Modelling, PLOS One, Journal of Royal Statistical Society Series C, Sankhya Series A & B, Journal of Applied Statistics, Computational Statistics, International Statistical Review, Stat, Statistica Sinica, Statistical Modelling, Frontiers in Public Health, Heliyon.

Committee Services:

1. Local organizer of Young Statisticians Meet, Indian Statistical Institute, Kolkata (2019, 2020, 2021).
2. Joint convener for Workshop on Computational Statistics & Data Analytics, ISI, Kolkata, March 2022.
3. Joint convener for Advanced School in Statistics (for college/university teachers) jointly organized by NCM and ISI Kolkata, July 2022.
4. Associate Editor of Sankhya, Series B, from 2019.
5. Served as the convener of project/dissertation (M.Stat second year) evaluation committee, Indian Statistical Institute, 2017-18.
6. Served as a joint convener of the organizing committee of PCM 125 conference in Probability and Statistics, Indian Statistical Institute 2018.
7. Served as the convener of the committee to oversee the best M.Stat project, Indian Statistical Institute, for the years 2015, 2016, 2018.
8. Served as the Technical Editor of Sankhya, Series B (2016-2018).
9. Served as the local organizer of the Workshop on Computational Statistics, Indian Statistical Institute, 2016.
10. Served in various admission committees at ISI, Kolkata (since 2015).
11. Board of Studies Member, Department of Statistics, RKM Residential College, Narendrapur, Kolkata (since 2015).
12. Joint Secretary, Ramakrishna Mission Narendrapur Mahavidyalaya Praktani (2019-2024).
13. Member of the Managing Committee, RKM (Narendrapur) Vidyalaya (English Medium) for the period 2022-2023.
14. Serving in various examination committees for JBNSTS, Kolkata (since 2017).
15. Member of Center for Artificial Intelligence and Machine Learning (CAIML) ISI Kolkata (since 2020), and Technical Innovation Hub (since 2021).