



CENTRAL INLAND FISHERIES RESEARCH INSTITUTE  
(Indian Council of Agricultural Research)  
Barrackpore, Kolkata – 700 120, West Bengal



Name : Dr. Malay Naskar  
Designation : Principal Scientist  
Academic Background : Ph.D. (Statistics)  
Discipline : Agricultural Statistics  
Total Research Experience (year): 19 Years  
Research Focus :



Statistical computing including MCMC techniques, Survival Analysis, Generalized Linear Models, Longitudinal Data Analysis, Non parametric Bayesian Analysis and application of Dirichlet Process.

Current area of Research : Statistical Modelling of Inland Fisheries data  
Academic contributions : (PG & Ph.D guide): Nil  
Awards & Recognitions :

- a. Jawaharlal Nehru Award of ICAR for outstanding research in Statistics in the social science category
- b. Honour of certificate for securing 2<sup>nd</sup> Position in M.Sc. ( Statistics), Calcutta University
- c. Honour of certificate for securing 3<sup>rd</sup> Position in B.Sc. (Statistics), Calcutta University
- d. Worked as consultant in collaborative project on “ Dose response modelling in epidemiology”, funded by National Institute of Health, USA, between Calcutta University and Harvard School of Public Health, USA
- e. Collaborative research work with North Carolina University, USA and Inter-University Center for Astronomy and Astrophysics, Pune, India

No. of Publications	:	15 (Till March, 2013)
National	:	5
International	:	10
Patents	:	1

List of Important 10 publications :

1. **Naskar, M** and Das, K. (2004). Inference in Dirichlet process mixed generalized linear models by using Monte Carlo EM. *Australian & New Zealand Journal of Statistics*, Vol. 46, No. 4, 685-701.
2. **Naskar, M.**, Das, K. and Ibrahim, J.G. (2005). A semiparametric mixture model for analyzing clustered competing risks data. *Biometrics*. Vol. 61, No. 3, 729-737.
3. **Naskar, M.** and Das, K. (2006). Semiparametric analysis of two level bivariate binary data. *Biometrics*. Vol. 62, No. 3, 1004-1013.
4. Das, Kalyan and **Naskar, M.** (2007). Effectiveness of tibolone on the reduction of menopausal problems - A Bayesian semi-parametric interpretation. *Statistics in Medicine*, Vol. 26, No. 6, 1301-1317.
5. Tanuka Chattopadhyay, Ranjeeb Mishra, Asish Kumar Chattopadhyay and **Malay Naskar** (2007). Statistical Evidence for Three classes of Gamma-ray Bursts. *The Astrophysical Journal*, Volume 667, Issue 2, pp. 1017-1023.
6. **Naskar, M.** (2008). Semiparametric analysis of clustered survival data under non-parametric frailty. *Statistica Neerlandica* , Vol. 62, nr. 2, pp. 155–172.
7. Roy, G., **Naskar, Malay** and Ghosh, S. N. (2009). Development of Digital thermal insulation value tester for jute products. *Indian Journal of Fibre and Textile Research*. Vol. 34, March 2009, pp. 36-40.
8. Sujit Kumar Ghosh, Surajit Sengupta\* and **Malay Naskar** (2010). Physio-mechanical properties of particle boards from agro-wastes. *Journal of Scientific and Industrial Research* . Vol 69, pp. 396-400.
9. Das M.K., **Naskar M.**, Mondal M.L., Srivastava P. K., Dey S., Rej A. ( 2012 ). Influence of ecological factors on the patterns of fish species richness in tropical Indian rivers. *Acta Ichthyol. Piscat.* 42 (1): 47–58.

10. R. K. Manna , B. B. Satpathy , C. M. Roshith , **M. Naskar** , Utpal Bhaumik and A. P. Sharma (2013) Spatio-temporal changes of hydro-chemical parameters in the estuarine part of the River Ganges under altered hydrological regime and its impact on biotic communities, *Aquatic Ecosystem Health & Management*, 16:4, 433-444

## Patents

Ghosh, S. N., **Naskar, Malay**, and Bhattacharyya, S. K. *A composite system for measuring hairiness of coarser and finer jute yarn*. Patent number: **247684**, **Granted on 06/05/2011**.

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