

Dr. Manoshi Phukon

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Academic Qualification:

Ph.D. in Statistics, North-Eastern Hill University, Shillong-793022.

Research Publications:

Sl. No.	Name of the Authors	Title of the papers /Chapters in edited Book	Name of the Journal/Publisher	Indexing	ISSN No.	Year/ Vol./pp.
1	M. Phukon and M.I. Ahamed	A few methods in estimating life expectancy	Journal of Scientific Research	UGC-CARE list	2070-0237 e- 2070-0245	Year-2019 Vol. 11(3) pp. 321-338
2	B. K. Gupt, M. I. Ahamed and M. Phukon	Optimum stratification for an auxiliary variable optimum allocation under a superpopulation model	Advances and Applications in Statistics Publisher: Pushpa Publishing House	Web of Science, SCIE, UGC-CARE list	0972-3617	Year-2021 Vol. 67(1) pp. 1-20
3	M. I. Ahamed, V. Kumar, B. K. Gupt and M. Phukon	A new population growth model: population projection of India and some Indian states	Journal of Critical Reviews Publisher: Innovare Academics Sciences Pvt. Ltd	UGC-CARE list	2394-5125	Year-2021 Vol. 8(2) pp. 631-645
4	M. I. Ahamed, B. K. Gupt and M. Phukon	Methods of stratification for a generalised auxiliary variable optimum allocation	Mathematics and Statistics Publisher: Horizon Research Publishing Cooperation	Scopus, UGC-CARE list	2332-2144	Year-2021 Vol. 9(5) pp. 617-629
5	M. I. Ahamed, R. Singh and M. Phukon	A procedure for estimating a few demographic indicators of Assam state and its districts	International Journal of Statistics and Applied Mathematics	Google Scholar, Ulrichs Web	2456-1452	Year-2019 Vol. 4(5) pp. 123-129
6	M. Phukon , M. I. Ahamed, B. K. Gupt and V. Kumar	A method of projection of life expectancy at birth comprising techniques of non-linear regression and MCMC under Bayesian approach	Advances and Applications in Statistics Publisher: Pushpa Publishing House	Web of Science, SCIE, UGC-CARE list	0972-3617	Year-2021 Vol. 70(2) pp. 169-199
7	E. Ezung and M. Phukon	On estimation of few demographic indicators	International Journal of Multidisciplinary Research and	Google Scholar, Publons, Cite	Online: 349-4182, Print: 2349-	Year-2020 Vol. 7(11) pp. 14-24

			Development	Factor	5979	
8	M. Phukon and R. Singh	A study on spatial statistical method of poverty and sustainable development of north-eastern states of India	Book chapter Published in “Inequality, poverty and development in India: focus in the north-eastern region” edited by U.K. Dey, M. Pal and P. Bharati.	Springer	2198-0012 e- 2198-0020	Year-2017 pp. 337-349
9	M. Phukon	Entrepreneurship education and its impact on higher education in India.	Edited book, Entrepreneurship Development in India by R. R. Saikia, UnikaPrakashan, Jorhat.	-	9789320 30669	Year- 2014 pp. 90-109

M.Sc. (Statistics), Department of Statistics, Dibrugarh University, Assam

Statistical Software: R, WinBUGS, SPSS, Mortpak, Minitab etc.

Additional Qualification:

(a) Diploma in Computer Application, Assam Professional Academy, Guwahati, 2010.

(b) One year diploma in Urdu language, NCPUL, Delhi, 2022.

Teaching Experiences

a) Three years teaching experiences in undergraduate courses, Period: 2009 to 2012

Subjects: Statistics, Mathematics and CAES, Krishnaguru Mahavidhyalay, Barpeta, Assam.

b) Teaching in Umshyrpi College since the year 2017

(c) One Semester teaching experience as a Guest Lecturer in the Dept. of Statistics, North-Eastern Hill University, Shillong during 2021-2022.

Presented papers in Seminar/Conferences

(i) Phukon, M. (2017). ‘A Comparative Study of Expanding Abridged Life Table’, in the National Conference on Recent Trends in Theoretical & Applied Statistics – II Organized by Dibrugarh University, Assam, held during 24th to 25th March 2017.

- (ii) Phukon, M. (2016). ‘A Study on Increment-Decrement Life Table for the Transition of Labour Force Status of India’, in the Platinum Jubilee International Conference on Application of Statistics organized by Department of Statistics, Calcutta University, held during 21st to 23rd December, 2016.
- (iii) Phukon, M. (2016). ‘A Relational Model for Estimating Age Patterns of Mortality’, in the National Conference organized by Dibrugarh University, Assam, held during 11th to 12th March 2016.
- (iv) Phukon, M. and Singh, R. (2015). ‘A Study on Spatial Statistical Methods of Poverty and Sustainable Development of North-Eastern States of India’, in National Seminar on the title “Inequality, Poverty & Development in India: Focus on the North Eastern Region” organized by Department of Economics, NEHU, Shillong, held during 8th to 10th Oct 2015.
- (v) Phukon, M. (2014). ‘Bamboo: An Important Source of Livelihood in North Eastern India’, in the National Seminar on Recent Advances on Bamboo Research and Development in India organized by Rain Forest Research Institute, Jorhat, Assam, held during 6th to 7th February, 2014.

Participated in Workshops, International/National Conferences and Short-term Course

- (i) Workshop on ‘Combinatorial Mathematics with Statistical Applications In Health & Related Sciences’, organized by Gauhati University, Dept. of Statistics, held on 30th December 2012.
- (ii) Workshop on ‘Censusinfo Software and Data Dissemination of Census 2011’, organized by NEHU, Shillong, Dept. of Statistics, held on 7th March 2014.
- (iii) Workshop on ‘Decision Making, Quantum Probability and Modeling in Cognitive Science’, organized by Dept. of Mathematical Sciences, Tezpur University , held on 21st -22nd March 2013.
- (iv) North-East Workshop on ‘Statistical Pattern Recognition and Data Mining’, organized by Dept. of Statistics, Gauhati University, Assam, held on 13th – 15th March 2013.
- (v) North-East workshop on ‘Probability’, organized by Dept of Mathematical Sciences, Tezpur University, Assam, held on 2nd – 10th January 2014.
- (vi) Workshop on ‘Statistical Computing and Its Applications’, organized by Dept. of Statistics, NEHU, Shillong, held during 29th November to 1st December 2012.

- (vii) Workshop on ‘LaTex’, organized by Centre for Computer Studies, Dibrugarh University, Assam, held on 4th -6th January 2016.
- (viii) International conference on ‘Recent advances in Mathematical Statistics and its Applications in Applied sciences’, organized by Dept. of Statistics, Gauhati University, Assam, held on 31st December 2012 to 2nd January 2013.
- (ix) Short-Term Course in ‘MATLAB-I’, organized by University Grant Commission (UGC), Academic Staff College, NEHU, Shillong, held on 22nd – 27th July 2013.
- (x) UGC Sponsored National Workshop on ‘Implementation of Choice based Credit and Semester System at UGC level in Conventional Colleges: Issues and Challenges’, organized by Barpeta Girls’ College, Assam, held on 28th to 29th November 2011.
- (xi) Training program on ‘Gender Sensitization’ organized by Women Cell, NEHU, Shillong, held on 27th October, 2017.
- (xii) One-day Seminar on ‘Pragmatism and Philosophy of Sir Syed Ahmed Khan on Modern Education and its Relevance Today’, organized by Umshyrpi College, Shillong, held on 17th October 2017.
- (xiii) Online Training Programme on ‘Statistical Analysis using R Programming’, organized by Dept. of Statistics, Assam University, Silchar, held during 24th November to 1st December 2020.
- (xiv) Online training Program on ‘Qualitative Research Methods’, organized by VART Research Centre, Delhi, held on 26th – 27th March 2022.