Chandra Prakash Yadav

Curriculum Vitae

Department of Statistics
Banaras Hindu University
Varanasi (U.P.) - 221005, India
℘ +91-7376160897
✉ chandrap.yadav4@bhu.ac.in

Career Objective

To find a suitable position in teaching or research and development where I can explore my learning, knowledge and skills.

Doctoral Thesis (Submitted)

Title **Statistical Modeling and Analysis of Competing Risk Lifetime Data.**

Supervisor **Dr. Mahaveer Singh Panwar**

Status **Submitted, 15 March 2022.**

University **Banaras Hindu University**, Varanasi-221005, Uttar Pradesh, India.

Research Area

Reliability and Survival Analysis

Bayesian Analysis

Classical Inference

Competing Risks Model

Censored Data

Longitudinal Data

Academic Qualifications

2015–2017 **Masters of Science**, *University of Allahabad*, Prayagraj, U.P., India, **(71.30%)**.

2012–2015 **Bachelor of Science**, *University of Allahabad*, Prayagraj, U.P., India, **(57.11%)**.

2010–2012 **Intermediate**, *R A Mishra I C*, Lalganj Ajhara, Pratapgarh, U.P., India, **(80.40%)**.

2009–2010 **Matriculation**, *R R Yadav H S*, Rampur Khas, Pratapgarh, U.P., India, **(80.83%)**.

Awards & Fellowships

NET UGC National Eligibility Test (Population Studies), July 2018.

Fellowship UGC Research Fellowship, April 2018 to April 2022.

Computer Skills

Languages C

Softwares R/R-Studio, SPSS

Office Tools MS-Office, LaTeX

Membership of Profession Bodies

1. **Student membership of Institute of Mathematical Statistics**.
2. **Student membership of Royal Statistical Society**.

Publications

1. **A Competing Risk Study of Menarcheal Age Distribution Based on Non-Recalled Current Status Data**, Journal of Applied Statistics, Taylor & Francis, March 2022. `https://doi.org/10.1080/02664763.2022.2052821`. (Indexed in Australian Business Deans Council (ABCD), Science Citation Index (SCI), Science Citation Index Expanded (SCIE), Scopus, Web of Science, zbMath, Q_2 Category)

2. **Cold Environment Accompanied by High-Cholesterol and Obesity Augments SARS-CoV-2 Infectivity**, Scientific Reports, Springer Nature, March 2022. `https://www.nature.com/articles/s41598-022-08485-6`. (Indexed in Web of Science, PubMed, Scopus, Google Scholar and DOAJ, Q_1 Category)

3. **Latent Growth Curve Modeling for COVID-19 Cases in Presence of Time Variant Covariate**, Computational Intelligence and Neuroscience, Hindawi, Volume 2022, Article ID 3538866, 11 pages. `https://doi.org/10.1155/2022/3538866`. (Indexed in PubMed, SCIE, Scopus, Google Scholar, Web of Science, Q_1 Category)

4. **Statistical Analysis of Marshall-Olkin inverse Maxwell Distribution: Estimation and Application to Real Data**, Reliability Theory & Applications, No. 3 (63), Volume 16, September 2021. `https://doi.org/10.24412/1932-2321-2021-363-249-272`. (Indexed in Scopus, UGC Care, Q_3 Category)

5. **Competing Risks Analysis of Lifetime Data using Inverse Maxwell Distribution**, International Journal of Agricultural and Statistical Sciences, Vol. 17, No. 1, pp. 285-291, March 2021. `https://connectjournals.com/03899.2021.17.285`. (Indexed in Scopus, Scimago EBSCO, Web of Science, NASS Rating: 5.13)

6. **Analyzing Recall-Based Current Status Data in Presence of Competing Risks**, International Journal of Agricultural and Statistical Sciences, Vol. 18, No. 1, June 2022. (Indexed in Scopus, Scimago EBSCO, Web of Science, NASS Rating: 5.13), Accepted.

Papers Communicated/Under Review

1. **Analysis of Recall-Based Competing Risk Data using Weibull Distribution**, Computational Statistics and Data Analysis (CSDA), Elsevier, (Submitted: April 2022).

2. **A Latent Variable Approach for Parametric Modeling of Recall-Based Current Status Data**, Statistica Neerlandica, Wiley, (Submitted: April 2022).

3. **Objective Bayesian Analysis of Recall-based Observations from Two Parameter Weibull Distribution**, Bayesian Analysis, Project Euclid, (Submitted: April 2022).

4. **Survival Analysis of Inverse Maxwell Distribution under Random Censored Data for Guinea Pigs Data**, Electronic Journal of Applied Statistical Analysis, (Submitted: April 2022).

5. **Parametric Inference of Inverse Maxwell Distribution under Type-I Progressively Hybrid Censoring Scheme**, Revstat Statistical Journal, (Submitted: March 2021).

Papers Presented

1. **A Mixture Modeling of Recall-Based Current Status Competing Risks Data** at 16th Brazilian Meeting of Bayesian Statistics and VI Latin American Conference on Statistical Computing, March 2022.

2. **A Competing Risks Study of Menarcheal Age Distribution with Recall-Based Current Status Data** at An International Conference on Recent Application of Statistical Techniques and Analysis (RASTA), Department of Statistics, Institute of Science, Banaras Hindu University, Varanasi, India, December 2021.

3. **Parametric Inference of Inverse Maxwell Distribution under Random Censoring** at scientific programme of the Virtual ISI World Statistics Congress, July 2021.

4. **Non-Recall Based Modeling with Current Status Competing Risk Data** at National Workshop on Reliability Theory and Survival Analysis, Department of Statistics, Pondicherry University, Puducherry, India, December 2019.

5. **A Comparative Study of Customer Churn Analysis** at Emerging Methodologies in Theoretical and Applied Statistics (EMTAS), International Conference, Department of Statistics, Banaras Hindu University, Varanasi, India, September 2018.

6. **Parameter Estimation of Inverse Maxwell Distribution for Lifetime Data Under Competing Risk Model** at Emerging Innovations in Statistics & Operations Research (EISOR), International Conference, Department of Statistics, M.D. University, Rohtak, India, December 2018.

Training and Workshops

1. Online training on **R Programming and LaTeX Typesetting** organized by the Department of Statistics, Institute of Science, Banaras Hindu University, Varanasi, India, January 2021.
2. Online Workshop on **Statistical Computing Using R** organized by DST, Centre for Interdisciplinary Mathematical Sciences (CIMS), BHU, Varanasi, India, October 2020.
3. Online Workshop on **Technical Document Preparation using LaTeX** organized by Dr. S. & S. S. Ghandhy Government Engineering College, Surat, India, June 2020.
4. Online FDP on **Data Sciences** organized by Indian Institute of Information Technology, Vadodara, India, May 2020.
5. **National Workshop on Reliability Theory and Survival Analysis** organized by the Department of Statistics, Pondicherry University, Puducherry, India, December 2019.
6. **Workshop on Data Analytics** organized by Interdisciplinary Statistical Research Unit, Indian Statistical Institute, Kolkata, March 2019.

Personal Details

Full Name	**Chandra Prakash Yadav**		
Father	**Shri. Ram Dev Yadav**	Mother	**Smt. Sushila Devi**
Nationality	**Indian**	Religion	**Hindu**
Date of Birth	**September 01, 1995**	Place of Birth	**Pratapgarh, (UP)**

Declaration

The information given above is true to the best of my knowledge.

Date: 29.04.2022

Place: Varanasi

(Chandra Prakash Yadav)