

CURRICULUM VITAE

Madhav Kumar Bhusal
Lecturer

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PERSONAL DETAILS

Name	Madhav Kumar Bhusal
Nationality	Nepali
Date of Birth	30 th January, 1983
Marital Status	Married
Permanent Address	Malarani- 02, Arghakhanchi, Lumbini Province
Residential Address	Kirtipur- 09, Kathmandu, Bagmati Province

EDUCATION

2007	M.Sc. (Statistics) from Tribhuvan University (TU), Nepal
2005	B.Sc. (Statistics and Physics) from Tri-Chandra Multiple College (TU), Nepal
2001	I.Sc. (Physics, Mathematics & Chemistry) Tribhuvan Multiple Campus (TU), Nepal

RESEARCH INTEREST

Stochastic Processes, Statistical Modeling

WORK EXPERIENCE

November, 2011- present	Lecturer , Central Department of Statistics, TU, Nepal
November, 2009-	Visiting faculty , teaching to graduate and undergraduate students in the colleges affiliated to Pokhara and Purbanchal University, Nepal

COMPUTER SKILLS

Proficient in statistical softwares SPSS, STATA, and Statistical Programming Language R

INVOLVEMENT IN SCIENTIFIC JOURNAL

Reviewer at International Journal of Mathematical, Engineering and Management Science (IJMEMS), ISSN: 2455- 7749, India

PARTICIPATIONS AND TRAININGS

July, 2021

Worked as a team member to prepare “Survey Design of Post Enumeration Survey” in order to assess the Population Census -2021 (2078 BS) for Central Bureau of Statistics, Government of Nepal.

September, 2019 –

Participating as a member in a “Technical Committee” of Central Bureau of Statistics, Nepal working for the purpose of conducting Population Census- 2021 (2078 BS) Nepal.

April 4-7, 2017

Participated in the faculty development programme on ‘Strengthening Teaching and Learning’ organized by Apex College, Pokhara University, Kathmandu.

June 21-25, 2017

Participated in a ‘Faculty Development Programme on Research Methodology: Training and Workshop’ organized by DAV College, Tribhuvan University, and sponsored by University Grants Commission, Nepal.

September 3-4, 2017

Participated in the second national conference on statistics and its applications ‘Quality Data and Appropriate Statistical Methods for Prosperous Nepal’ organized by Central Department of Statistics, Tribhuvan University.

July 23, 2016

Participated in a workshop ‘Campus Internationalization: Structures that Support Student Mobility: Best Practices in USA and Nepal’ organized by Tribhuvan University and supported by Education USA and Institute of International Education, Tribhuvan University.

April 5-6, 2014

Participated in ‘Training on Advanced Pedagogical Skills’ organized by DAV college, Tribhuvan University, and supported by University Grants Commission, Nepal.

May 26-30, 2014

Participated in a training workshop ‘Operation and Maintenance of Scientific Equipment’ organized by Institute of Science and Technology (IOST), TU, supported by University Grants Commission, Nepal.

May 28-30, 2006

Participated in the Seminar/ Workshop ‘Some Applications of Statistics in Development Initiatives with Special Reference to Nepal’ organized by Central Department of Statistics, Kirtipur and Department of Statistics, PN Campus.

PUBLICATIONS

1. Subedi, S. & **Bhusal, M. K.** (2021). Multinomial logistic regression model for assessing factors associated with junk food consumption of secondary level students. *Nep. J. Stat*, 5, 21-38. Doi: <https://doi.org/10.3126/njs.v5i1.41227>
2. **Bhusal, M. K.** & Pandey, H. P. (2019). Study of factors affecting the entrepreneurship behavior of returned migrants using binary logistic regression model. *Nep. J. Stat*, 3, 57- 68. Doi: <http://doi.org/10.3126/njs.v3i0.25578>
3. Poudel, B. & **Bhusal, M. K.** (2018). Analysis of factors associated with perceived stress level among the masters of science students of university campus, Tribhuvan University, Kirtipur, Nepal. *Research & Reviews: Journal of Statistics*, 7(2).
4. **Bhusal, M. K.** (2018). Internal migration in Nepal: national growth rate method and its improvement. *Global Scientific Journal*, 6(10), 466- 474.
5. **Bhusal, M. K.** (2017). Application of Markov chain model in the stock market trend analysis of Nepal. *International Journal of Scientific and Engineering Research*, 8(10), 1733- 1745. Doi: <http://10.14299/ijser.2017.10.008>.
6. Bohara, B. P. & **Bhusal, M. K.** (2017). A comparative study to assess the nutritional status of government and private primary schools' children in Pyuthan municipality, Pyuthan, Nepal. *Research & Reviews: Journal of Food Science and Technology*, 6(2), 1-15.
7. Upadhyay, H. P. & **Bhusal, M. K.** (2017). Statistical analysis on nutritional status and its associated factors of under five years children in Nepal. *Advanced Journal of Graduate Research*, 2(1), 12-24. Doi: <https://doi.org/10.21467/ajgr.2.1.12-24>.
8. Aryal, R., Aryal, T.R. & **Bhusal, M. K.** (2015). Models for assessing the impact of family planning on fertility. *Journal of Institute of Science and Technology*, 20(2), 67- 72.

OTHER RESEARCH ACTIVITIES

- Supervision of 15 thesis of M.Sc. (Statistics) students at Central Department of Statistics, TU

HONORS AND AWARDS

September, 2010

Awarded by '**Nepal Bidhya Bhusan KHA**' by Honorable President of Nepal on the occasion of National Education Day organized by Ministry of Education, Government of Nepal.

MEMBERSHIP

- Life member of Nepal Statistical Society (NeSS).