

RESUME

LAXMI BHURTEL

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37920

Languages Known:

Nepali, English, Hindi

Achievements

- Participation in "Physics of Life Online Summer School" organized by Center of the Physics of the Biological Function (An NSF Funded Physics Frontier, Princeton University)
- Participation in the three days "Workshop on ab-initio Quantum Chemistry Calculations Using Supercomputer" organized by Kathmandu University, Circle of Noble Chemineers (KUCONC)
- Participation on "The second Regional Conference on Women in Physics, RWIPN (2019)" hosted by Nepalese Society for Women in Physics (NSWIP) in association with Tri-Chandra Multiple Campus, Tribhuvan University
- Participation in "International Conference on Nano science and High Energy Physics (ICNHEP2019)" held on February 4-6, 2019, organized by the Central Department of Physics, Tribhuvan University, Kirtipur, Nepal
- M.Sc. Thesis work on "Hydrogen Bonding Analysis of Cucumber Basis Protein by Molecular Dynamics Simulation"
- Project work on "Distribution of Radium-226 in soil at varying depth using Gamma Spectrometer", at Central Department of Physics, Tribhuvan University

Computer Skills:

- Linux, Windows Internet Applications
- Programming knowledge of FORTRAN, MATHEMATICA
- NAMD & VMD
- LATEX
- PYTHON

EDUCATIONAL QUALIFICATION

Phd in Physics (August 2022 to Present) Advisor	: Department of Physics and Astronomy, University of Tennessee, Knoxville, TN, USA : Dr. Wonhee Ko
M.Sc. in Physics (2016-2018)	: Central Department of Physics, Tribhuvan University, Kritipur, Nepal
B.Sc. in physics (2012-2016)	: Tri-Chandra Multiple Campus, Tribhuvan University, Kathmandu, Nepal
Entrance preparation (2011-2012)	: Medical Exam Preparation, NAME Coaching Centre Kathmandu, Nepal
Intermediate Level (2009-2011)	: Global Collegiate Higher Secondary School, HSEB Board, Pokhara, Nepal
S.L.C	: Balodaya Higher Secondary School, Government of Nepal, Pokhara, Nepal
Year of Completion	: 2009

ACADEMIC POSITION

Graduate Research Assistant (February 2024 to Present)	: Department of Physics and Astronomy, University of Tennessee Knoxville, TN, USA
Graduate Teaching Assistant (August 2022 to January 2024)	: Department of Physics and Astronomy, University of Tennessee Knoxville, TN, USA
Lecturer (in High School) (July 2021 to July 2022)	: Xavier International College, Kalopul, Kathmandu, Nepal
Private Tutoring (2018-2022)	: Home Tutoring

REFERENCE

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