

BIO-DATA

Personal Profile

Name : Bikash Bhagat

Father's name : Prakash Kumar Bhagat

Date of Birth : Dec 22 1986

Gender : Male

Nationality : Nepali

Religion : Hindu

Language : English, Nepali, Hindi, Bhojpuri

Permanent Address : Biratnagar-1, Morang, Nepal

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Education

Degree	Institute	Division
B.Ed Math	Tribhuvan university	Second (49.67%)
M.Sc Physics	Tribhuvan University	First (72.3%)
B.Sc.	Tribhuvan University	First (68.64%)
10+2 NEB	Arniko Secondary School, Biratnagar	First(72.4%)
SEE	Azalea Secondary School, Biratnagar	First(75.5%)

IELTS: (overall score 7) 23rd September 2023

Listening	Reading	Speaking	Writing
7	8.5	6.5	6

SKILLS

- **Computational Skills** : Matlab, Python

- **General Physics & Mathematical Proficiency** : Solid grasp of general physics and mathematical proficiency acquired during MSc and self-studies.
- **Research & Project Expertise** : Demonstrate strong research, project management, and technical writing skills through numerous semester Projects, mini-projects, club workshops/projects/competitions, and a comprehensive thesis.
- **Lab Experience** : Physics Lab, Analog and Digital Electronics Lab, Instrumentation Software/Tools
- **Teaching, Communication, and Interdisciplinary Proficiency** : Effective in teaching, communication, and workshop leadership. Bring an interdisciplinary perspective to Physics. Demonstrate strong problem-solving and analytical/critical thinking skills needed for research.

Research Experience

A computational study and comparison of Hartree-Fock Theory, Perturbation Theory and Density Function Theory on chlorides of first two alkali metals' using the Gaussian 98 software under the supervision of Prof. Dr. Jeevan Jyoti Nakarmi, Tribhuvan University.

Topology analysis of two dimensional material MoS₂ and WSe₂ under the supervision of Dr. Dinesh Acharya.

Seminar

National seminar on emerging activities in physics, Central Department of Physics, Tribhuvan University.

Teaching Experience

Full time lecturer of physics in Manmohan Technical University (MTU), Nepal.