

SANDEEP DHAKAL
8065443150
dhakalsandeep99@gmail.com
Lubbock, TX

A. Education

Doctor of Philosophy (PhD), Texas Tech (2026 – Ongoing)

Major: Micro Economics and Econometrics

Master of Philosophy (MPhil), Kathmandu University (2018-2021)

Major: Mathematical Finance, Econometrics, Statistics and Advanced Finance Theory

Master of Finance and Control (MFC), Tribhuvan University (2015-2017)

Major: Financial accounting, Investment, Economics, Managerial Economics, Risk Management, Statistical Analysis, Research Methodology, Macro and Corporate Finance

B. Employment History

B1. Visiting Faculty at Kathmandu University – School of Management

March 2022 – 2025

Co-taught (with Prof. Biswo Poudel) for MPhil and MBE courses (Mar 2023 – May 2025)

- *Mathematical Finance* (Text: *Mathematical Finance* by Sheldon Ross)
- *Advanced Finance Theory* (Text: *Investment Under Uncertainty* by Dixit & Pindyck)
- *Dynamic Analysis* (Text: *From Shortest Paths to Reinforcement Learning* by Brandimarte)
- *Mathematical Economics* (Text: *Mathematics for Economics* by Simon and Blume)
- *Econometrics in the Master of Business and Economics (MBE) program* (Text: *Econometric Analysis of Cross Section and Panel Data*, by Jeffrey Wooldridge)

Faculty for **Financial Derivatives and Risk Management** for BBA students (From 2022 to 2025)

- (Text: *Options, Futures, and Other Derivatives* by John C. Hull)

B2. Founding Director: Zion Consulting Pvt. Ltd., Kathmandu (Sep 05, 2020 – Dec 2025)

Zion Consulting is a research consulting company that primarily focus on socioeconomic researches. I headed research department in Zion. My accomplishments in Zion Consulting are:

1. Designed and finalized research instruments for 15+ projects, including survey tools and data collection methods tailored to specific study goals.
2. Developed comprehensive research proposals and reports, clearly communicating objectives, methodologies, and key findings.
3. Managed full-cycle research operations—data collection, cleaning, analysis, and database maintenance—ensuring accuracy and accessibility.
4. Collaborated with government bodies (CBS, NPC, MoICS, MOA, OIBN) to align research with policy priorities and facilitate institutional engagement.
5. Led research teams, set project goals, and ensured timely delivery of high-quality outputs through real-time progress tracking systems.
6. Presented research insights to stakeholders and facilitated discussion forums, strengthening collaboration across government, academic, and corporate sectors.

B3. Deputy Manager (Strategy and Business Development): Sipradi Trading Pvt. Ltd. (Feb 02, 2018 – July 23, 2020)

Sipradi is one of the largest automobile companies in Nepal with annual turnover of around NRS 4000 crore. I worked for Strategy and Business Development department. I performed following assignments:

1. Managed economic data collection and reporting, including macroeconomic indicators, census data, and private sources, ensuring accuracy, accessibility, and timely insights.
2. Produced monthly macroeconomic reports and developed simulations and forecasting models for sales and inventory using advanced estimation techniques.
3. Conducted field visits and stakeholder consultations with agencies such as CBS, NPC, and the Department of Industry to align insights with national priorities.
4. Extracted and analyzed demand drivers from surveys and real-time data, translating findings into actionable insights for top management and planning units.
5. Monitored global economic trends (e.g., oil, currency, metal prices) to assess potential impacts on domestic supply and demand.
6. Created dynamic visual dashboards using tools like Power BI and GIS to enhance decision-making around inventory, sales, and receivables.

C. Academic Researches and Working Papers

Dhakal, S. (2022). Impact of Monetary Policy on Sectoral GDP through Sectoral Lending: A Study of Lending Channel of Monetary Transmission. *SEBON Journal*, IX 29-46.

Dhakal, S (2025). Forecasting the agriculture yield in Nepal using machine learning techniques. *NRB Economic Review*, 36, 1-36.

Poudel, B and Dhakal, S. (2019). Impact of Micro Finance on Agricultural Output.

Poudel, B and Dhakal, S. (2019). Impact of Micro Finance on Enterprises Formation.

D. Consulting Work

Project Title	Role	Submitted To	Start Date	End Date	Duration (Approx.)
Ethnic Classification of MICS Data	Team Leader	Sharecast (UN)	1-Aug-23	30-Nov-23	4 months
Impact of Deprived Sector Lending on Targeted Population	Financial Sector Expert	UNDP/NPC	17-Aug-22	16-Nov-22	3 months
Reversing the Industrial Decline in Nepal	Researcher	EPI (Palladium)	14-Jul-22	20-Sep-22	2 months
Evaluation of Socio-economic Impact of Reconstruction in Nepal	Data Analyst	National Reconstruction Authority	Jan-21	Aug-21	8 months
Government Debt Projection	Team Leader	National Planning Commission (NPC)	15-Feb-22	30-Jun-22	4.5 months
Government Treasury Projection	Team Leader	NPC	25-Feb-22	26-Jun-22	4 months
Best Practices in Arun 3 Hydro Electric Project	Team Leader	Investment Board of Nepal	1-Jun-22	10-Jul-22	1.5 months
Need and Availability of Industrial Manpower	Team Leader	Ministry of Industry, Commerce & Supply	24-Mar-22	30-Sep-22	6 months
COVID-19 Impact Study on MSMEs	Team Leader	Ministry of Industry, Commerce & Supply	Jan-21	Jun-21	6 months

E. Data Analysis Experience

Software	Years	Major Tasks Performed
Excel/Word/PPT	10	Data Analysis/Report Writing/Presentation
STATA	6	Storage, Description, Estimation and Visualization of quantitative data
SPSS	9	Entry, Storage, Description, Estimation, Visualization of quantitative data
GIS	5	Visualization of socio-economic data (households, district and municipality level)
R program	6	Data description and estimation of quantitative data
Python	4	Data extraction, Scraping, Cleaning, Estimation, Automation and Visualization of quantitative data. Sentiment analysis of qualitative data.

**Years represents, years of experience with the software*

F. References

Professor, Stephen Devadoss, Phd (*Emabeth Thompson Endowed Professor and the Graduate Program Director*). Email: stephen.devadoss@ttu.edu

Professor, Biswo Poudel, Phd (Current Governor, Central Bank of Nepal and Former Vice Chairman, National Planning Commission), Mobile: 9851147844, Email: bpoudel@berkeley.edu

Professor, Govind Nepal, Phd (Former Chief Economic Advisor, Ministry of Finance), Mobile: 9851081145, Email: govindnepal56@gmail.com

Yam Lal Bhusal, (Joint Secretary, Government of Nepal), Mobile:9849600660, Email: ylbhusal@npc.gov.np