

# **A Report of Training on Data Collection and Analysis: Qualitative and Quantitative Designs**

## **Brief introduction of the Program**

Devdaha Adarsha Multiple Campus is the only one public campus located in the eastern part of Rupandehi district. It was established in 2065 B.S. The college is now heading towards the accreditation of QAA program. The campus organized a three-day “**Training on Data Collection and Analysis: Qualitative and Quantitative Designs**” with the purpose of promoting professionalism in the teachers of higher educational institutions for enhancing knowledge and skills required for the teachers. As it is required to make the teachers more research oriented, they needed to be refreshed with the ideas of promoting their professionalism. The proposed program aimed to energize the college teachers of Lumbini province with the skills of methodology of academic writing so that they would become more dynamic and research oriented in their professional lives.

## **Background of the Program**

Devdaha Aadarsha Multiple Campus has run bachelor level programs in the faculty of education and commerce. The bachelor level program in education stream is being conducted with Major English, Nepali, Health Education, and Economics. The BBS stream is being run with Nepali and English medium classes. There is no doubt in the fact that the college teachers need to be dynamic and research oriented. They should have the professional ethics in research-oriented tasks. Such teachers can only provide the insight to the students with qualitative instructions and help them think, act and behave analytically and practically. The training refreshed and motivated the teachers with the skills of conducting classes with eager in their profession. The program focused on enabling the skills of data collection and analysis of qualitative and quantitative designs while writing journal, article, report writing and many others research oriented tasks.

Devdaha Aadarsha Multiple Campus has been organizing various trainings related to research. Realizing the essence of data collection and analysis of both quantitative and qualitative designs in article writing, we planned to conduct the training on **Data Collection and Analysis: Qualitative and Quantitative Designs** this year. For this purpose we hired two experts; Dr. khagendra Acharya from KU to facilitate for qualitative design and Mr. Govind Gnawali from Butwal Multiple Campus to facilitate on quantitative design.

## **Objectives of the program**

The program had the following objectives:

- a. To enhance professionalism in the teachers in academic writing.
- b. To acquaint the teachers with the process before data collection.

- c. To enhance the knowledge on the tools of data collections for both qualitative and quantitative designs.
- d. To enhance the knowledge on analyzing, interpreting and reporting the qualitative research.
- e. To enhance the knowledge on data entry analyzing, interpreting and reporting the quantitative research.
- f. To enhance the knowledge on the tools of data collections for both qualitative and quantitative designs.

### **Methodology used for conducting the program**

The program was conducted by hiring the expert having experience in various fields of research writing. The program was conducted for three days by breaking each day into multiple sessions. First day focused on the research trend, topic selection, literature review, research design, rationale of data collection, tools of data collection and the other two days focused on data analyzing and interpreting, reporting and sample writing of both the designs. The experts made the presentation conducted discussion and made the participants work practically so that they could have a real experience of research writing.

### **Program Schedule for Training**

<b>Day 1 (2080/01/21)</b>			
S.No		Time	
1	Breakfast	8:00	
2	Opening Ceremony	8:00-8:30	By Campus
3	Measurement and Scale	Session1 8:30-10:00	Mr.Govind Gyawali
4	Research design	Session 2 10:00-11:30	Mr. Homnath Sharma
5	Launch Time	11:30-12:30	
6	Data entry and coding (using Sample Questionnaire)	Session 4 12:30-2:00	Mr. Govind Gyawali
7	Tea break	2:00-2:30	
8	Data Entry and data coding	Session 3 2:30-4:00	Mr. Govind Gyawali
<b>Day 2 (2080/01/22)</b>			
S.NO.		Time	
1	Breakfast	7:00-7:30	
2	Research design and data collection	Session1 7:30-8:45	Asso.Prof. Dr. Khagendra Acharya
3	Tools/methods of qualitative data collection II	Session 2 08:45-10:15	Asso.Prof.Dr. Khagendra Acharya
4	Choice of appropriate statistical tools in Data Analysis	Session 3 10:15-12:30	Mr. Govind Gyawali
5	Launch Time	12:30-01:30	
6	Qualitative data analysis-Theory	Session 4 01:30-2:45	Asso.Prof. Dr. Khagendra Acharya

7	Tea Break	2:45-3:00	
8	Tools/methods of qualitative data collection I	Session 5 03:00-4:30	Asso.Prof.Dr. Khagendra Acharya
<b>Day 3 (2080/01/23)</b>			
S. No.		Time	
1	Breakfast	8:00-8:30	
2	Qualitative data analysis - Practice	Session 1 8:30-10:00	Asso.Prof.Dr. Khagendra Acharya
3	Data Analysis and Interpretation (Using Sample Questionnaire)	Session 2 10:00-11:30	Mr. Govind Gyawali
4	Launch Time	11:30-12:30	
5	Writing session–research design to findings	Session 3 12:30-2:00	Asso.Prof.Dr. Khagendra Acharya
6	Tea Time	2:00-2:30	
7	Review (Data entry, Analysis and interpretation using sample questionnaire)	Session 4 2:30-4:00	Mr. Govind Gyawali
8	Reflection& Closing Ceremony	4:00-5:00	

### **Achievements and outcomes of the program**

Thirty two participants participated in the program. Nineteen were from Devdaha Aadarsha Multiple Campus including faculties and administrators and other 13 were from other community colleges of Province No 5. The following were the outcomes of the program:

- a. The candidates had understanding of the nexus of research design and data collection.
- b. The candidates were able to collect qualitative and quantitative data using appropriate tools/methods.
- c. The candidates acquainted with articulating research design and data collection.
- d. The candidates got basic ideas on importance of measurement and scale in data entry process.
- e. The candidates got ideas about the appropriate choice of statistical tool in data analysis process.
- f. The candidates were able to analyze and interpret the quantitative data.
- g. They improved knowledge and skills about the research-based tasks.

### **Conclusions**

To conclusion the training on the topic “**Data Collection and Analysis: Qualitative and Quantitative Designs**” remained quite fruitful. The participants showed their enthusiasm and zeal throughout the session. The session of all three days remained lively with active and untiring participation of the participants.

The present topic “Data Collection and Analysis: Qualitative and Quantitative Designs” is a quite demanded topic for the lecturers teaching in college and higher education institutes. So we found a remarkable number of participants from different colleges in this training. Both the experts were

found quite helpful, energetic and diligent and conducted the training in homely and friendly environment with enough insights for data collection and analysis for both designs. The major insights of the training were; to enhance the knowledge on data collection, data entry, data analyzing, interpreting and reporting of quantitative and qualitative research.

### 5. Details of the participants:

The attendees of the training programme were as follows.

S.N.	Name of the Participants	Name of the Institutions	E-mail of Campus	Participant and Post of the Campus	Date		
					2080/01/21	2080/01/22	2080/01/23
1.	Assoiate Prof Dr. KHAGENDRA ACHARYA	KATHMANDU UNIVERSITY	khagendra@ku.edu.np	Trainer			
2.	GOVINDA GYAWALI	BUTWAL MULTIPLE CAMPUS	govinda.jyawali@bunc-tu.edu.np	Trainer			
3.	MITRALAL NEUPANE	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	Campus Chief			
4.	SHESH KANTA ARYAL	SIDDHARTHA GAUTAM BUDDHA AMPUS	info@sgb.edu.np	Participants			
5.	TANK PRASAD SUBEDI	DIVYA JYOTI MULTIPLE CAMPUS	divyajyoticampus2047@gmail.com	RM ORDINATOR			
6.	GANESH ADHIKARI	MOTILAL M C	motilacam13@gmail.com	Participant			
7.	SURYANATH DAS PATEL	PALLHI CAMPUS	palhicampus@gmail.com	RESEARH MEMBER			
8.	KRISHNA KUMAR REGMI	RAMMANI M C	rmcrupandehi@gmail.com	Participant			
9.	LAXMAN KHAREL	RAMMANI M C	rmcrupandehi@gmail.com	Digital Communication			
10.	MADHU SHARMA	RUPANDEHI CAMPUS	rupandehicampus@gmail.com	Participants			
11.	LILA MANI PANDEY	RUPANDEHI CAMPUS	rupandehicampus@gmail.com	Participants			
12.	MIN PRASAD BHATTARAI	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	Participants			

13.	SANJAY GURUNG	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	Participants			
14.	KESHAV PRASAD DUMRE	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	Participants			
15.	KHEMANANDA GYAWALI	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	RMC DAMC			
16.	HIRANYA LAL LAMSAL	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	RMC DAMC			
17.	GANESH PAUDEL	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	RMC DAMC			
18.	SUNITA PANDEY	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	Participants			
19.	BALKRISHNA BHANDARI	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	Participants			
20.	ANIL LAMICHHANE	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	Participants			
21.	BAL KRISHNA RIMAL	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	Participants			
22.	PRAKASH SUBEDI	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	RMC DAMC			
23.	KRISHNA ARYAL	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	Participants			
24.	NABIN SHRESTHA	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	RMC DAMC			
25.	HOM NATH SHARMA	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	RMC DAMC			
26.	NARAYAN BHANDARI	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	RMC DAMC			
27.	SHYAM PRASAD NEUPANE	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	Participants			
28.	KAMAL PRASAD NEUPANE	DEVDAHA AADARSHA MULTIPLE CAMPUS	damc2065@gmail.com	RMC DAMC			
29.	PANCHA RAM CHAUDHARY	YOGYADAYA DUDH NATH THARU CAMPUS	info.ydmc.edu.np	Participants			
30.	CHABILAL BHANDARI	YOGYADAYA DUDH NATH THARU CAMPUS	info.ydmc.edu.np	Participants			



32.	BISHNU ARTAL	CAMPUS					
33.							
34.							
35.							



## CURRICULUM VITAE of Experts

### **KHAGENDRA ACHARYA**

**Itahari Municipality, Sunsari District, Nepal**

**Phone: +977-9851212290**

**Personal: [acharya.khagen@gmail.com](mailto:acharya.khagen@gmail.com); Official: [khagendra@ku.edu.np](mailto:khagendra@ku.edu.np)**

#### **EDUCATION**

- *PhD.* English, Kathmandu University, 2017. (Funded by Manisha Shrestha Memorial Scholarship)  
- Awarded with Erasmus Mundus Strong-Ties Program (September 2013 to December 2014)
- *M. Phil.* English, Tribhuvan University, 2010.

#### **TEACHING EXPERIENCE**

##### **Associate Professor**

Management Informatics and Communications, School of Management.  
2022 till date.

##### **Assistant Professor**

Management Informatics and Communications, School of Management.  
May 2011 to July 2022.

##### **Adjunct Lecturer**

Department of Psychology, University of Limerick, Republic of Ireland.  
2015 to 2018.

##### **Lecturer**

Department of Languages and Mass Communication, School of Arts,  
Kathmandu University. July 2005 to May 2011.

#### **Research Related (Recent three)**

#### **CONDUCTED TRAININGS**

- *Writing Literature Review*, Writing Unit, Kathmandu University, July 2022.

- *The Scientific Proposal Writing Workshop*, Biotechnology Society of Nepal (one-week), July 2021.
- *Two-day Workshop on Writing for Research (Undergraduate level students)*. Kathmandu University Biotechnology Creatives. June 2020
- *Four-day Workshop on Proposal Writing*. Rotaract Club of Kathmandu University. 1-4 April, 2019.

#### **Seminar/Conference (Recent three)**

#### **SEMINAR/ CONFERENCE**

- Keynote speaker, *Global Poverty: Concepts, Measurements and Impact on Humanities*. Lucknow Public College of Professional Studies: 8 February 2022.
- *Impact to Mind-Heart-Body in the Maoist Combatants' Personal Accounts*. Literary Association of Nepal: 1-2 April 2020.
- *Across the Border in Maoist Partisans' Narrative*. Shoolini University, India: 24 February 2020.
- *Literature after the Maoist War: Divergent Themes and Yet Identical Trajectory*. Melus Melow, India: 21-23 February 2020.

#### **PUBLICATIONS**

#### **Research Articles (Recent three)**

- Banking Frauds: Causes and Preventions (Second author). *Journal of Banking, Finance & Insurance*. Vol. 2, 3, 2021.
- Epidemiology of Traumatic Spinal Cord Injury in Nepal: A Systematic Inquiry. *Asian Journal of Medical Sciences*. Vol. 11, 6, 2020.
- Tara Rai's Chhapamar Yuwatiko Diary: Narrative & socio-political context of her war trauma in Nepal (first author). *Narrative Inquiry*, Vol. 30, 1, March 2020.
- Community Identity and Collective Efficacy: A Social Cure for Traumatic Stress in Post-Earthquake Nepal (second author). *European Journal of Social Psychology*, Vol. 47, 7, December 2017.
- Why I Became a Combatant: A Study of Memoirs Written by Nepali Maoist Combatants (first author). *Terrorism and Political Violence*, 2017.

Updated list of publication available at:

[https://scholar.google.com/citations?user=1YLd\\_loAAAj&hl=en&oi=ao](https://scholar.google.com/citations?user=1YLd_loAAAj&hl=en&oi=ao)

#### **RESEARCH/ GRANTS**

- Principal Investigator. Students' Perception of Quality Education: A Study of Kathmandu University Students. Kathmandu University, Nepal, 2020.

- Principal Investigator. Nepali Returnee Migrants: A Study of Psychological Distress and the Stressors. Social Science Baha, Nepal, 2019.
- Principal Investigator. Spinal Cord Injury, Post-traumatic Stress, and Social Well-being. University Grants Commission, Nepal. 2019.
- Team Leader. Baseline Study: Media Habits, Perception and Knowledge of Child Marriage in Nepal. Nepal Forum of Environmental Journalists (NEFEJ) and Free Press Unlimited, Netherlands. 2016.

## **RESPONSI- BILITIES**

- Head, *Department of Management Informatics and Communication*. Kathmandu University, 2022 till date.
- Coordinator, *Writing Unit*. Kathmandu University Writing Unit (Working Currently).
- Editor, *KU Insider*, Kathmandu University, 2016.
- Editor, *kuvolunters.blogspot.com* (blog site operated during 2015 earthquake). 2015 April to 2015 July.
- Co-editor, *Bodhi: An Interdisciplinary Journal*, Kathmandu University. 2007 till 2013.



## **CURRICULUM VITAE**

**Govind Jnawali**

**Lecturer (Statistics), Tribhuvan University, Nepal**

**Email: [govinda.jnawali@bumc.tu.edu.np](mailto:govinda.jnawali@bumc.tu.edu.np) ; Phone: 9857042205**

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### **EDUCATION**

Masters of Science (M.Sc.), Tribhuvan University, Kathmandu, Statistics

Master of Arts (M.A.), Tribhuvan University, Kathmandu, Economics

Bachelor of Education (B.Ed.), Tribhuvan University, Kathmandu, Psychology and Curriculum

Bachelor of Science (B.Sc.), Tribhuvan University, Kathmandu, Physics and Statistics

### **ACADEMIC POSITIONS**

Lecturer, Butwal Multiple Campus (Tribhuvan University), Butwal (05/2074-Present)

Visiting Faculty, Lumbini Banijya Campus (Tribhuvan University), Butwal (01/2074-Present)

Teaching Assistant, Butwal Multiple Campus (Tribhuvan University), Butwal (03/2069-05/2074)

### **ADMINISTRATIVE/PROFESSIONAL EXPERIENCE**

**TEAM MEMBER**, Integrated Urban Development Plan (IUDP) of Tilottama Municipality, Rupandehi, Nepal

### **RESEARCH & PUBLICATIONS**

#### **BOOKS**

Gautam, H., Khadka, B. Timsina, P. & Jnawali, G. (2021). Business Statistics, Advance Saraswati Publication.

Thagurathi, R., Khadka, B. Timsina, P. & Jnawali, G. (2020). Data Analysis and Modeling. Advance Saraswati Publication.

## **RESEARCH ARTICLES**

Pandey, S., Parajuli S., Jnawali, G., & Bhusal, S. (2021). Knowledge, Attitude and Practice Regarding Covid-19 Pandemic among Nurses working in selected Hospitals of Rupandehi, Nepal. *Devdaha Medical Journal*, 3(2), 35–40.

**Jnawali, G., & Jaiswal, A. J. (2019).** Determinants affecting the buying of Life Insurance: A case of Kapilvastu District. *Nepalese Journal of Insurance and Social Security*, 2(2), 42–57. <https://doi.org/10.3126/njiss.v2i2.31828>

**Jnawali, G., & Jaiswal, A. J. (2019).** Determinants of NPL in Nepalese commercial Banks: Empirical Evidence from Nepal. *Lumbini Journal of Business and Economics*, 2(2), 42–57.

## **COURSES TAUGHT**

### **Bachelor's level**

Tribhuvan University, Nepal

STAT 201 Probability and Inference I

STAT 301 Probability and Inference II

STAT 304 Operation Research

STAT 401 Sampling and Design of Experiment

STAT 403 Statistical Modeling

Pokhara University, Nepal

SIT 201 Data Analysis and Modeling

SIT 101 Business Statistics

Purbanchal University, Nepal

Nursing Research and Biostatistics

### **Master's level**

MBS Statistical Methods

ECO Econometrics

**Asia Pacific University, Malaysia (Sky International College, Butwal)**

Statistical Decision Making

## **PROFESSIONAL MEMBERSHIP**

Nepal Statistical Society

## **RESEARCH METHODS AND SKILLS**

MS Excel, SPSS, STATA , R , and Eviews.





