

CURICULAM VITAE

Name : **AZAYA BIKRAM STHAPIT (MR.)**
Date of Birth : 5th December, 1952
Nationality : Nepali
Permanent address : Kathmandu, Metropolitan City
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<u>Academic Qualification:</u>	<u>Division</u>	<u>Year</u>	<u>University</u>
Doctor of Philosophy (Ph. D.)		1998	University of Delhi
Master in Science (M. Sc.) Statistics	Distinction	1978	Tribhuvan University.
Diploma (Bachelor) in Statistics	Merit	1975	Tribhuvan University.
Intermediate Science (I. Sc.)	II	1973	Tribhuvan University
School Leaving Certificate (S.L.C.)	I	1969	Nepal S.L.C. Board

Participation in Training, Seminars, Conferences and Workshops:

- Participated in International Conference on Stochastic Modeling (Jan 10-12, 1994) held at Delhi and presented a paper entitled: ‘Model - Assisted Selection of a Product Strategy’
- Participated in a seminar on Probability and Statistics organized by the Department of Statistics, University of Delhi, Delhi on 11 March, 1995 and presented the paper on “Unbiased Ratio-type Variance Estimators.”
- Participated in the conference of the Society of Mathematical Science held at Delhi on 15 April, 1995 and presented the paper on “Hierarchic Predicative Ratio-based and Product-based Estimators and their Efficiency”

Language and Degree of Proficiency:

<u>Language</u>	<u>Reading</u>	<u>Writing</u>	<u>Speaking</u>
English	Fluent	Fluent	Fluent
Nepali	Fluent	Fluent	Fluent
Newari (mother tongue)	Fluent	Fluent	Fluent
Hindi	Fluent	Fluent	Fluent

Memberships:

- Life member of Indian Society of Agricultural Statistics.
- Joint Secretary- Nepal Statistical Society
- Executive Member-JGO Nepal
- Member – Nepal Soka Gakkai International

Positions held (currently)

Fulltime Faculty at Uniglobe College since 2009 AD.

Career Summary:

- Mr. Sthapit has distinguished academic career. Number of his research papers were published in the magazines and journals of national and international repute. Among them five research papers had been published in the various international “A” category journals such as Journal of Applied Statistics, Statistics and Probability Letters, Journal of the Society of Agricultural Statistics, etc. One of these papers had been awarded as the best in the field of *sampling* during the year 1996 in India. His papers were widely acclaimed in various international seminars organized by and held at University of Delhi.
- He has already produced a Ph.D scholars in statistics. He is currently guiding one more Ph.D student in statistics.
- One who have obtained the Ph.D degree under him and research topic is
Dr. Ram Prasad Khatiwada, A Bayesian Approach on Some Issues of Agro-Food Production and Quality Control. IOST T. U. 2012

- He had also been working for Everest Group (P.) Ltd. as a Senior Research Officer and Consultant since 1978. He has a wide working experience in various projects financed by IDA, World Bank, Danida, Canada and HMG/N. He has successfully conducted several feasibility studies and market studies. At present he is associated with teaching profession and actively involved in teaching the postgraduate students and supervising them in thesis writing in various areas of management and statistics. His experience in the use of Statistical tools in the various field of studies have been widely recognized.

Social Research

- Sample Design for The Fifth Household Budget Survey
Nepal Rastra Bank(2012)
- Sample Design of 4th Rural Credit Survey of Nepal
Nepal Rastra Bank(2012)
- Youth and Economic Opportunity Survey. Save the Children (2009)
- Children in Armed Conflict: Impacts on the Rights of the child
Child Workers in Nepal (CWIN) (2007)

Experience in Research and Consultancy

Experience gained while working with M/S Everest Group and M/S S.R. Shrestha & Co. (P) Ltd.

As consultant:

- Conducted Market Research for GI Pipe in Nepal, for M/s. Golcha Organization.
(March 1984)
- Conducted Market Research for GI Sheets in Nepal, for M/s. Golcha Organization
(March 1984)
- Conducted Market Research for Pumpsets in Nepal, for M/s. Golcha Organization.
(March 1984)
- Traffic Demand Forecasting for Royal Nepal Airlines. (Extensive traffic survey was conducted in around 80 domestic routes and traffic demand forecasting in order to enabled RNAC to expand its fleet of aircrafts.) (February 1983)
- Market Study for Paints Industry in Kathmandu for Mr. G.B. Sakha.

- Market Study for Glass Industry in Kathmandu for M/s. Bhudev Trading.
- Market Study for establishing Truck and Bus Assembly Plant for M/s. Golcha Organization. (March 1984)
- Market Study of Bicycle Industry for M/s. Pancha Narayan-Astha Narayan, Kathmandu.
- Market Study of Scanner (Cronograph) Color Separation Method Off-set Printing Press in Nepal. (August 1984)

Studies Related with Tourism Industry Development:

- Pre – feasibility on "Tourism Development in Khaptad Region, " Khaptad Region Tourism Committee & Tarragon Development Board (1998)
- A Report on The Study for District Selection for Integrated Community for Development Program (ICCDP) of USC Canada –Nepal (March 2000)
- Feasibility Report on Upgrading the Services of Hotel Jwala, Nepalgunj for Mr. B. Shahi.
- Pre-Feasibility Study on Five Star Hotel in Kathmandu for M/s. Sun Route Hotel. (P.) Ltd.

Engineering and Survey Work:

- Feasibility Study of Micro Hydro Electricity Project in Bajura (Survey, Design, Market, Financial and Economic Analysis). (January 1980)
- Feasibility Study Micro Hydro Electricity Project in Mugu near the famous Rara Lake. (This study included the development potential for tourism in the district and the Feasibility of lift irrigation in the village of Pina). (Survey, Design, Market, Financial and Economic Analysis).(January 1981)
- Feasibility Study of Micro Hydro Electricity Project in Achham (Survey, Design, Market, Financial and Economic Analysis).(February 1981)
- Feasibility Study of Micro Hydro Electricity Project in Dadeldhura (Survey, Design, Market, Financial and Economic Analysis).(February 1981)
- Conducted Site survey in Godavari for M/s Allot and Lomax of U. K.(January 1985)
- Conducted Site survey in Pathalaiya for M/s Allot and Lomax of U.K.(January 1985)

Airports and Bridge Site Survey:

- Feasibility Study of (New) Pokhara Airport for Department of Civil Aviation, HMG/Nepal. (Survey, Design, Market Study, Financial and Economic Appraisal).(July 1988)
- Feasibility Study on Strengthening of Janakpur Airport for Department of Civil Aviation, HMG/Nepal. (Survey, Design, Market Study, Financial and Economic Appraisal). (December 1989)
- Site Survey for the 500 M. long Karnali Bridge (Cable stay, single tower, Main span 325 M. bridge under construction) for M/s Steinman, New York, USA. Under the sponsorship of Department of Road, and Financed by IDA/World Bank.(February 1989)
- Feasibility Study of Dhangadi Airport for Department of Civil Aviation, HMG/Nepal. (Survey, Design, Market Study, Financial and Economic Appraisal).(January 1988)

Industrial Feasibility Studies:

- Change in Agricultural Practices in Nepal – A project conducted in association with CBS (Central Bureau of Statistics)/ HGM Nepal in 2002
- Baseline Cum Need Assessment Survey For Improve Cooking Satove, Danida, Energy sector Assistance Promotion Centre (AEPC) (1998-1999)
- Study Report on the Expansion of Production of Nepal Feed Products (P.) Ltd. Kathmandu. (December 1982)
- Vegitable Fruit Canning Industry, Eastern Development Region, Nepal.(March 1983)
- Feasibility Study on “Colour Photo Processing Laboratory in Kathmandu”.(March 1983)
- Associated and Completed “Calcium Silicate Lime Brick Feasibility Study”. This was an IDA (World Bank) financed International Consultancy work led by M/s. Allot and Lomax of U. K. and INCA Baustofftechnik GmbH of West Germany. In this study Market survey in all the major towns of Nepal was done. This Company also provided general liason work and undertook the collection of financial, economic, various engineering, demographjic and meterological data and information was also collected.(January 1985)
- Feasibility Study of a “Mono-type” Type Casting foundry in Nepal.(April 1985)
- Feasibility Study of Seti Bakery Industry in Far Western Nepal.(January 1985)
- Feasibility Report on Expansion and Diversification of Production Facilitiser of Amar Rice Mills, which was a sick unit.(May 1983)

- Feasibility Study on Manufacturing of Miniature Bulbs in Nepal, for M/s. Nepal Battery Company Limited- a subsidiary company of Union Carbide.(August 1985)
- Feasibility Study of Soyabean Oil Factory.(December 1985)
- Pre-feasibility Study on Export Oriented Knitware Industry in Nepal, for M/s. R. Jhama Tmal Ltd. Hongkong.(December 1983)
- Feasibility Study to establish a New Food Production (Puff Snack) Industry in Pokhara for Pokhara Chamber of Commerce and Industry.(May 1986)
- Feasibility Study to establish a Morden Textile Mill in Kathmandu for M/s. Pashupati Textile Mills.(August 1987)
- Feasibility Study on Textile Mill in Dhangadi.(January 1985)
- Feasibility Study of Polythine foam factory in Nepal for Mr. J. Piya, Narayanghat.(June 1988)
- Feasibility Study on Cinema Hall for M/s. Royal Nepal Film Corporation, Kathmandu. (January 1987)
- Feasibility Study on Colour Film Processing Laboratory for M/s. Royal Nepal Film Corporation, Kathmandu.(June 1987)
- Feasibility Study on Wax Paper and Cellophane Industry for Mr. Anup S. J. B. Rana, M.P, Sharma, Kathmandu and M/s. Pragati Internation, New Delhi, India. (January 1986)
- Economic Appraisal of Dry Battery Industry in Nepal for M/s. Union Carbide India Ltd, Calcutta, India.(August 1986)
- Feasibility Study on the Manufacture of Bicycle for M/s. Nepal Cycle Industries (P.) Ltd, Kathmandu.(September 1985)
- Feasibility Study on Dairy Industry in Sunsari Distreict.(April 1988)
- Updating of the Feasibility Study of Colour Film Processing Lab, for M/s. Royal Nepal Film Corporation.(August 1987)
- Feasibility Study on Video Film Lab.(December 1988)
- Feasibility Study on Dairy Farm in Kathmandu and Terai.(April 1989)
- Feasibility Study on Hawaii Chappal Industry in Pokhara.(September 1989)
- Feasibility Study on Soyabean Oil Factory in Pokhara.(August 1984)

Research and Publications:

- Families of Predictive Ratio-Type Estimators and Their Performance, Published in the Nepali Mathematical Sciences Report Volume 18, No. 1 & 2, 1999-2000.
- Hierarchic Predicative Ratio-Based and Product-Based Estimators and their Efficiency accepted for publication in Journal of Applied Statistics).
- Ratio-Type Variance Estimation Using Prior Information. Bulletin of the International Statistical Institute, Proceedings of the 50th session of the International Statistical Institute held in Beijng, China (1995).
- Unbiased Ratio- Type Variance Estimation (Statistics and Probability Letters, Vol. 25, p. 361-364).
- Model- Assisted Selection of a Product Strategy .Journal of the Society of Agricultural Statistics Volume 48, 1996.
- Efficient Non – Response – Adapted and Imputation- Based Ratio-Type Estimators. Journal of Combinatorics, Information & System Sciences Vol. 27, Nos. 1-4, pp, 253-270,2002
- Unbiased Estimation of the Population Variance Using Midzuno-Sen Type Sampling Scheme Journal of Statistical Research Vol. 40, No. 2,pp13-20, 2006 ,Bangladesh
- Choosing Between Ratio and Product Estimators for the Same Data- Set (communicated).

Book published:

- Sthapit Azaya Bikram, Gautam Hiranaya, Joshi Pushpa Raj, Dongal Prakash Man (2003) Statistical Methods. Buddha Academic Publishers and Distributors Pvt. Ltd. Kathmandu, Nepal. ISBN:978-9937-30-058-2.
- Sthapit Azaya Bikram, Yadav Rashindra Prasad, Tamang Govinda, Dhital Sushil, Adhikari Prakash (2006). Production and Operations Management. Asmita Books Publishers and Distributors, Kathmandu, Nepal, ISBN:99946-45-36-6.

- Sthapit Azaya Bikram, Yadav Rashindra Prasad, Khanal Shankar Prasad (2004). Business Statistics. Asmita Books Publishers and Distributors, Kathmandu, Nepal, ISBN:99946-45-04-8.
- Sthapit Azaya Bikram, Yadav Rashindra Prasad, Tamang Govinda, Dhital Sushil, Adhikari Prakash (2005). A text book of Operations Management. Asmita Books Publishers and Distributors, Kathmandu, Nepal, ISBN 978-9937-534-14-7.
- Sthapit Azaya Bikram, Yadav Rashindra Prasad, Khanal Shankar Prasad (2005). Introduction to Statistics. Asmita Books Publishers and Distributors, Kathmandu, Nepal, ISBN:978-99946-45-76-3.
- Sthapit Azaya Bikram, Bajracharya Prakash Man, Gautam Kishor, Paneru Khyam Narayan, Shrestha Hari Krishna (2006). Fundamentals of Business Mathematics (2006). Buddha Academic Publishers and Distributors Pvt. Ltd. Kathmandu, Nepal. ISBN:99946-48-87-X.

Supervisor Ph.D Research Scholars

- Shrestha Raj Man, Measuring Change in Cropping Patterns and the Related Factors. (Co supervisor)
- Khatiwada Ram Prashad, An Application of Bayesian Methods in Packaged Food Quality Control. (Supervisor)
- Vaidya Subita, Statistical Modeling of Factors Responsible for Breast Cancer in Nepal. (Supervisor)
- Naresh Manandhar, Determinants of Primary school Drop Out in Chitwan and Nawalparasi (Thesis completed and forwarded to Dean's Office of Institute of Science and Technology, TU)

Awards:

- Best Research paper in the field of 'Sampling' (1995-1996), Indian Society of Agricultural Statistic.
- Mahaendra Vidhya Bhushan Class 'A'
- Tribhuvan University 'Shikshya Puruskar' (2000)

