BIO – DATA
(5 YEARS RESEARCH ACTIVITY ONLY)

DR. VIDYA SAGAR SINGH

❖ **B.Sc.** *Statistics (Hon.)* ❖ **M.Sc.** *(Statistics)* ❖ **Ph.D.** *(Statistics)*
(Banaras Hindu University)

PROFESSOR
&
UNIVERSITY HEAD
DEPARTMENT OF STATISTICS

HEMWATI NANDAN BAHUGUNA GARHWAL CENTRAL UNIVERSITY

Srinagar, Pauri Garhwal, Uttarakhand [India] – 246174

EDUCATIONAL DETAILS : -

(a)   Ph. D. (Statistics) from Banaras Hindu University (B.H.U.), 1992.

Titled of Ph.D. Thesis	:	"A Statistical Study on some Aspects of Human Mobility"
Name of Ph.D. Supervisor	:	Prof. (Mrs.) Sushma Tripathi, Department of Statistics Banaras Hindu University, Varanasi, Pin-221005, U.P. [INDIA]

(b)   M.Sc. (Statistics), Banaras Hindu University (B.H.U.) in 1987 with 1st Div.

(c)   B.Sc Hon. (Statistics), Banaras Hindu University (B.H.U.) in 1984 with 1st Div.

(d)   +2(10+2) from Banaras Hindu University (B.H.U.) in 1981 with 1st Div.

(e)   High School from Bihar Board, 1979 with 1st Div.

PRESENT POSITION & WORKINGS : -

❖   **Professor & Head at Department of Statistics,**

H.N.B. GARHWAL CENTRAL UNIVERSITY

Tehri Garhwal, Uttarakhand, [India] Pin-249199.

Field of Interest	:	Demography (Internal Migration, Stable Population and Fertility), Applied Statistics and Operations Research
Number of Ph.D. awarded	:	01

Number of Books   :   05

S.No.	Title	Publisher	Year	ISBN
1	Demography of Human Population	New Academic, New Delhi	2013	978-8186772553
2	Understanding Statistics	New Academic, New Delhi	2014	978-8186772652
3	Statistics for Sociologists	New Academic, New Delhi	2015	978-8186772850
4	Concept of Economic Statistics	New Academic, New Delhi	2016	978-8186772935
5	Probability: A Comprehensive Study	Academic and AgroVet Books	2018	978-8193519103

Peer Review Papers:

(a) 2017

1. (2017) R. Karan. Singh, Peeyush Mishra and V.S. Singh: A two phase sampling estimator of population mean using auxiliary information, International Journal of Advanced and Innovative Research, Number 11, Volume 6, Issue 6, 11-16.

2. (2017) Peeyush Misra, R. Karan Singh and V.S. Singh: An efficeient class of double sampling estimator of population mean using auxiliary information on first moments about zero, submitted to Aligarh Journal of Statistics.

3. (2017) Peeyush Misra, R. Karan Singh and V.S. Singh: An double sampling generalized estimator of population mean using auxiliary information in survey sampling, submitted to International Journal of Applied Mathematics and Statistics.

4. (2017) Rakesh Singh, V.D. Upadhyay and V.S. Singh: A Probability Model for the Total Number of Migrants from a Household, UPUEA Economic Journal, Volume 13, PP 756-759.

5. (2017) V.S. Singh and Ankit Kaparwan: Performance analysis of machine repair model with mixed standby components, International Journal of Recent Innovation in Engineering and Research, 2(2), 66-71.

6. Ankit Kaparwan and V.S. Singh: A stationary Poisson Departure Process Markovian queue with non-stationary Possion arrivals, sent for publication in India J.Pure and Applied Mathematics.

7. Ankit Kaparwan and V.S. Singh : Performance analysis of machine repair model with mixed standby components, communicated with Operation Research.

8. V.S. Singh and Ankit Kaparwan : Sensitivity analysis of renewal process in queuing network by simulation, communicated to Operation Research Letter.

(b) 2016

1. (2016) V.S. Singh & Rakesh Singh : A Probability Model for Number of Male Migrants Age 15 years and above house hold, Indian Journal of Social Research Volume 57 (5), Sept-Oct issue 2016, pp. 669-677.

2. (2016) Ankit Kaparwan, V.S. Singh and Jagdish Chandra Purohit: Variance reduction techniques for Multi Network of Markovian Queue, International Journal of Science and Research Volume 5 issue 10, October 2016, pp 432-435.

Scientific Conference Proceedings

1. Rakesh Singh, V.D. Upadhyay and V.S. Singh (2017) : A Probability Model for the Total Number of Migrants from a Household, 13th Annual Conference of UPUEA Economic Journal.