

Phone No. 0172-2534529  
Email: chstats@puchd.ac.in

DEPARTMENT OF STATISTICS  
PANJAB UNIVERSITY, CHANDIGARH-160014 (INDIA)  
(Estdtd. under the Panjab University Act VII of 1947-Enacted by the Govt. of India)

D-STAT/24/ 764  
Dated 27.09.2024

**To Whom It May Concern**

This is to certify that Ms. Anupama Goyal, worked as a research scholar in the Department of Statistics, Panjab University, Chandigarh, from 21/09/2021 to till date with enrollment no. 21-22/95/Ph.D. Her research work is titled as, "Modified Estimators using Zipf's Law and Probability Proportional to Size in Various Sampling Schemes " under the supervision of Prof. Sangeeta Arora and Dr. Anju Goyal, Department of Statistics, Panjab University, Chandigarh. To facilitate the progression of her research, she received financial support through INSPIRE Fellowship, provided by Department of Science & Technology, New Delhi.

She has assisted Senior Faculty Members in Practical Classes of M.Sc. and B.Sc. Honors (CBCS) and has also taken theory classes of M.Sc. during her Ph.D. She was also involved in doing statistical analysis of data of research scholars from sister departments.

I extend my extend my best wishes for her future and recommend her for further research endeavors or any relevant academic or professional opportunities.

Prof. Narinder Kumar  
(Chairperson)

Department of Statistics,  
Panjab University, Chandigarh