


Title	Dr.	First Name	Vinay	Last Name	Kumar	Photograph
Designation	Assistant Professor					
Address	House no: 2-A, Haryana Estate Mandi House , New Delhi					
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	Residence					
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Educational Qualifications						
Degree	Institution				Year	
10 th	H.B.S.E.				2004	
12 th	C.B.S.E.				2006	
B.Sc.	KUK				2009	
M.Sc.	MDU				2011	
Ph.D.	MDU				2017	
Career Profile						
<p>Current- Assistant Professor, Department of Statistics, RLA College, University of Delhi Assistant Professor, Department of mathematics, CRS University, Jind (2016-17) Assistant Professor, Department of Statistics, Central University of Haryana (2013-16)</p>						
Administrative Assignments						
<ul style="list-style-type: none"> ➤ Worked as Director Sports (Offg,)/Sports Incharge from 1 -12- 2013 to 09-06- 2016(2 years 06 months) at CUH ➤ Worked as Hostel Warden in 2013 at CUH. ➤ Visiting faculty in CRS University, Jind from 2014 to till date. ➤ Incharge, Department of Statistics, Central University of Haryana. ➤ Member, School Board committee under school of Physical and Mathematical Science, CUH ➤ Member, Board of Studies, Department of Statistics, CUH ➤ Chairman, Purchase committee, Department of Statistics, CUH ➤ Member, Various Purchase Committees, CUH ➤ Chairman, Sports Development Committee, CUH ➤ Key Member, Committee responsible for campus Development activities, Central University of Haryana. ➤ Invigilator in Recruitment process on office attendant written test held on 1st December, 2013 at CUH. ➤ Invigilator in Recruitment process on LDC written test held on 8th December, 2013 at 						

<p>CUH.</p> <ul style="list-style-type: none"> ➤ Worked as Career Counselor under career counseling Training and Placement Cell in CUH. ➤ Invigilator in CUCET test 2016 at CUH. ➤ Member, Scrutiny committee, CRS University, Jind. ➤ Exam Centre Superintendent, Department of Statistics, CUH ➤ Convener, First Convocation committee, CUH ➤ Convener, Second Convocation Committee, CUH ➤ Member, Annual Cultural Fest 2016, CUH ➤ Member, Hindi Rajbhasha Committee, CUH ➤ Incharge, Time Table, Department of Statistics, CUH ➤ Incharge, Trekking Club, CUH ➤ Incharge, Horticulture Club, CUH ➤ Member, Library Committee, CUH ➤ Incharge, Department of Statistics, NAAC Preparation Committee. ➤ Member, BOS, Department of Physics, CUH ➤ Member, Staff Council, Ram Lal Anand College, DU ➤ Member, Discipline cum Anti-Ragging Committee, RLA College, DU ➤ Member, Function committee, RLA College, DU ➤ Member, Sports committee, RLA College, DU
<p>Areas of Interest / Specialization</p> <p style="text-align: center;">Regression Analysis, Statistical Inference and Medical Statistics</p>
<p>Subjects Taught</p> <p style="text-align: center;">Probability Theory, Statistical Inference, Calculus, Sampling Theory, Econometrics</p>
<p>Research Guidance</p> <p>Supervised 19 postgraduate students of statistics in their M.Sc. Dissertation/Project Work at Central University of Haryana.</p>
<p>Publications Profile</p> <p>1. Logistic Regression Approach for Prediction of Gender Bias in the Prevalence of Tuberculosis in India. Indian Journal of Science and Technology, Vol (9), pp.1-7, 2016. (ISSN: 0974-5645, SCOPUS Indexed).</p>

2. Bayesian Methods in Determining the Disease Burden Due to Tuberculosis in Indian States. **International Journal of Pure and Applied Mathematics Vol. 111(4)**, pp 82-90, 2016 (ISSN:1311-8080, **SCOPUS Indexed**).
3. Statistical Assessment of Risk Factors for the Prevalence of Tuberculosis in India. **International Journal of Advance Research**, Vol. 4 (10), pp 291-298, 2016 (ISSN: 2320-5407, **Thomson Reouter research, Google Scholar Indexed**)
4. **Evaluation of Survival Probabilities for Tuberculosis Disease Risk: A Nonparametric Approach**. International Journal of Statistics and Reliability Engineering, Vol 3(2), pp 89-107, 2016 (ISSN: 2456-2378)
5. Statistical Modeling to Estimate the Prevalence of Tuberculosis: A Case Study of Haryana. **Journal of Central University of Haryana: An International Multidisciplinary Refereed Research Journal**, Vol. (2), pp.78-86, 2015 (ISSN:2348-3377).
6. **Contemporary Statistical Models in Epidemiological Studies: A Review**, Bulletin of Mathematics and Statistics research, Vol 4(4), pp- 159-163, 2016. (ISSN: 2348-0580, Indexed in Google Scholar, ISOR, Infobase etc.,)
7. Modelling the Tuberculosis Epidemic Population using Bayesian Techniques, **International Journal of Recent Scientific Research**, (ISSN: 2320-5407, Thomson Reouter research, Google Scholar Indexed)
8. **Some non-parametric survival models for epidemiological studies**, International Journal of Statistics and Applied Mathematics, Vol 3(1). 167-170, 2018 (ISSN: 2456-1452, (**Index Copernicus, Google Scholar Indexed**).

Conference Organization/ Presentations

Paper Presented in Conferences/Seminars:

1. International Conference on “History and Development of Mathematical Sciences” organized by Department of Mathematics, M.D University, Rohtak during Nov.21-24,

2012.

Research Paper Presented: Statistical Models and Estimation in Epidemiological Studies: A Review

2. IGU Conference on Geoinformatics For Biodiversity and Climate Change held be 14-16 march,2013 at M.D University, Rohtak Organized by Department of Geography.

Research Paper Presented: A Study of the Impact of the Family Planning Program:
. Evidences and Policy Implication

3. 8th International symposium on Statistics and Optimization in conjunction with Indian Society for Probability and Statistics (ISPS) held from 17-19, December, 2016 at Department of statistics and Operation research, Alligarh Muslim University, Alligarh.

Research Paper Presented: Evaluation of Survival Probabilities for Tuberculosis Disease Risk using Non-parametric approach

4. International Seminar on Sustainable development in 21st Century: A Glocal Perspective on March 19-21, 2015 organized by C.R.S. University, Jind.

Research Paper Presented: Disease Burden Due to Tuberculosis: A Statistical Analysis

5. 15thAnnual Conference of “**Society of Statistics, computer and Applications**” organized by Banasthali Vidyapith, Rajasthan, during February 24-26, 2013.

Research Paper Presented: Sociology of Epidemic Tuberculosis: Some Statistical Facts and Issues

6. Three Days National Conference on “Statistics and Optimization Techniques” from 11-13 Feb, 2017 organized by Department of Statistics, M.D. University, Rohtak.

Research Paper Presented: Bayesian Approach to Compare the Statewise Tuberculosis Burden in India

7. National seminar on To Make This Earth a More Liveable Planet organized by C.R.S University, Jind, during Oct., 13-14, 2015

Research Paper Presented: A Statistical Analysis of Trends and Seasonality in

Tuberculosis.

8. National Seminar on “**Relevance of Inter-Disciplinary approach in Higher Education**” organized by C.R.S University, Jind, during Nov., 12-13, 2014

Research Paper Presented: Bayesian Approach to estimate the Prevalence of

Tuberculosis: A Case Study.

9. National Seminar on Application and Role of Statistics in Multidisciplinary Research held on October, 23-24, 2014 organized by Department of Statistics, Central University of Haryana.

Research Paper Presented: A Statistical Study on Impact of Government Policy: Fact

from Family Planning Program

10. National Conference on Advanced Computing Technologies held on March, 30, 2013 organized by Department of Computer science and Applications, M.D. University, Rohtak.

Research Paper Presented: Some Issues in Data Mining

Conference/Workshops/Seminar attended:

- (1) National Seminar on Indian Power Sector: Emerging Opportunities and Challenges. On Nov., 23-24, 2012, held at M.D University, Rohtak, Organized by Department of Economics.
- (2) National Workshop on Data Analysis Using SPSS on Sept., 21-22,2012 at Kurukshetra University, Kurukshetra, organized by Department of Statistics and Operation Research.
- (3) One-week Training Program on Official Statistics on June 25-29, 2012, at National Academy of Statistical Administration, Organized by Ministry of Statistics and Programming Implementation Government of India.
- (4) Workshop on Data Dissemination organized by Directorate of Census Operations, Haryana in Collaboration with Department of Sociology held on 12th March, 2013, M.D. University, Rohtak.

- (5) Workshop on Personality Development and Communication Skills held on 21st March, 2013 organized by Department of Mathematics and Career Counselling Cell, M.D. University, Rohtak.
- (6) National Workshop on Predictive Mathematical Models in Science and engineering on May, 24-25, 2013, organized by Department of Mathematics, NIT Kurukshetra, Haryana.
- (7) Seminar on Official Statistics and Career Prospects on Feb., 2014 organized by Department of Statistics, M.D. University, Rohtak.
- (8) One Week National Workshop on Research Methodology and Application of MATLAB organized by Department of Computer Science and Application, 16th-21st Feb., 2015 at C.R.S. university, Jind.
- (9) One Day Workshop on Data Analysis Using SPSS on 17th April, 2015 organized by Department of Statistics and education, Central University of Haryana, Mahendergarh.
- (10) One Week Workshop on Research Methodology and data Analysis Using SPSS on April 15-20 Jointly organized by Department of Statistics and Education, Central University of Haryana, Mahendergarh.
- (11) One Day National Workshop on “Importance and Use of Copyrights, Patent, Citation, Impact Factor and Plagiarism in Research Publication” on November 27, 2015, jointly organized by IPR Cell and Department of Management Studies, Central University of Haryana, Mahendergarh.
- (12) One day Workshop on Data Dissemination organized by Directorate of Census Operations, Haryana and Department of Geography, Central University of Haryana on 20th January, 2016.
- (13) Two Days National Seminar on “Make in Haryana: A Road Ahead” on 17-18, March, 2016 organized by Department of Economics, Central University of Haryana.
- (14) Three Days National Workshop on “Sample Surveys and Data Analysis using SPSS, Minitab and R software” from 12-15 June, 2015 organized by Department of Statistics, M.D. University, Rohtak.

Conference/Workshops/Seminar Organized:

- (1) Organising Secretary of National Seminar on Application and Role of Statistics in Multidisciplinary Approach on October-21-23, 2014.
- (2) Organising Secretary of One-week National Workshop on Research Methodology and Data Analysis using SPSS, April 13-17, 2015.

Awards and Distinctions

1. Haryana Merit Scholarship from 2004 to 2005
2. University Research Scholarship (URS) from 2012 to 2013.
3. Shiksha Samaj Sangathan-Haryana Gold Medal 2001
4. Awarded UGC-BSR Scholarship in 2013

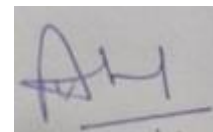
Association With Professional Bodies

1. Life Membership Indian Science Congress Association
2. Life Membership Indian Association of Reliability and Statistics
3. Life Membership Vishwagram – One world One Family.

Other Activities

1. Delivered an extension lecture on **“The Role of Modern Statistics for Legal Decisions”** on 13th Feb., 2014 in Department of law, Central University of Haryana, Mahendergarh.
2. Delivered an Expert Talk on: **Recent Development and Application of Statistics in Multidisciplinary Research”** on 2nd October, 2014 at C.R.S. University, Jind.
3. Delivered an Extension Lecture on **“Statistical Techniques and Its Applications”** on 18th Feb., 2015, in the Department of education, Central University of Haryana, Mahendergarh
4. Delivered an Extension Lecture on **“Statistical Tools and Techniques for Management Studies”** on 4th April, 2015, in department of Management, C.R.S. University, Jind.

5. Plenary speaker in the International Seminar on **“Sustainable Development in 21stCentury: A Glocal Perspective** “on 19-21 march, 2015 at C.R.S. University, Jind.
6. Delivered lecture as a Resource person on **“Data Analysis using SPSS and MS-Excel”** in one-week workshop on Research Methodology and Data Analysis Using SPSS at Central University of Haryana, Mahendergarh.
7. Chaired the session in National Seminar on **“Relevance of Inter-Disciplinary approach in Higher education”** on November, 12-13, 2014 organized by C.R.S University, Jind.
8. Co-Chaired a Session in National Seminar on **“Application and Role of Statistics in Multidisciplinary Research”** on October, 24, 2013, Central University of Haryana, Mahendergarh.
9. Extension Lectures on **“Bioinformatics and Biostatistics** “from April 26-29, 2016 in Department of Biotechnology, Central University of Haryana.



Signature of Faculty Member