

Prof. Vivek Tyagi

Head, Department of Statistics

N.A.S. College, Meerut

 vivektyagi.ijes@gmail.com



Professional Experience:

2021 – till date	
Prof. & Head, Dept. of Statistics.	N.A.S. (PG) College
2006 -- 2021	
Asso. Prof. & Head, Dept. of Statistics.	N.A.S. (PG) College
2000–2006	
Reader, Dept. of Statistics.	N.A.S. (PG) College
1996–2000	
Sr. Lecture, Dept of Statistics.	N.A.S. (PG) College
1990–1996	
Lecturer, Dept of Statistics.	N.A.S. (PG) College

One Year Deputation as **Controller of Examinations** in a Central University, **National Institute of Food Technology Entrepreneurship & Management (Under MoFPI, Govt. of India)** in professor grade

Taught **Quantitative Techniques** and **Operation Research** to **MTech.** and **BTech.** Students of NIFTEM (Central University)

Taking Lectures on **Research Methodology** in various Departments of Universities and Colleges for the students of different subjects doing Pre Ph.D. courses.

Approved **MBA** faculty of **IGNOU**

Member Academic Audit at NIFTEM

IQAC Coordinator in N.A.S. College for last 6 years

Supervisory officer of the **Village Adoption Programme** of NIFTEM

Chairman of the Committee to conduct **All India Food Analyst Exam** in association with **FSSAI**.

Observer at **CFTRI Mysore** to Supervise the **All-India Food Analyst Exam**. Conducted by **NIFTEM & FSSAI**

Recorded Two Lecture for Centum Learning Ltd. at **IGNOU Studio** for the MBA students of **IGNOU** on **Total Quality Management**.

Conducted many offline and online workshop and training programs and orientation programs for Industry and Management students on Data Analysis Management Skills, Stress management and Motivation.

Conducted and participated in the workshop as trainer for industry and students on Team Building.

Simultaneously taught in a reputed Management Institute as visiting faculty and looked after the Industry Interface Cell.

Twice has participated as **Panel Expert** in an **Intellectual Talk “Samvad”** organized by Vidya Knowledge Park.

Projects:

Worked as faculty coordinator (Statistics) in two projects submitted to State Project Director, Govt. of Uttaranchal funded by Uttaranchal Govt. Recommendations of the projects are being implemented by the Govt.

Convener of Editorial Board of ISSN registered peer reviewed, and refereed Science Journal published by Team Wonderful you “International Journal of Essential Sciences”.

Internationally certified Master Practitioner of Neuro Linguistic Programming.

Associate NCC Officer (ANO)

2001–2008

N.A.S.(PG) College

- Commissioned as Lieutenant.
- Got three months Army Officers Training from Officers Training Academy Kampatee, Nagpur.
- All India Second rank and got **Commandant’s Silver Medal.**
- Many trained NCC cadets got selection in the Indian Army.

Education:

Doctorate in Statistics under the supervision of Prof. P.C. Saxena, C.C.S. University
School of Computer and Systems Sciences, JNU New Delhi and
Dr. Vinay K. Tyagi, Reader Dept. of Statistics, M.M. College, Modinagar

- M.Phil. in Statistics Rajasthan Univ. Jaipur
- Post Graduate Diploma in Computer Applications Punjab Technical Univ.
- MBA Punjab Technical Univ.

Published Work:

Vivek Kumar C, Vikas T, Vivek T, Pradeep C. (2023) **A Study on the Meta Analysis Technique Viewing Systematic Reviews of a Broadcast Investigation on Pandemic Disease**, *Biostatistics and Biometrics*, Volume 11 Issue 2 - May 2023, pp 01-08, ISSN: 2573-2633, Pubmed

Tyagi A, Tyagi V (2022) **Understanding Software Reliability as A Significant Factor of Influencing System Reliability**, *Airo International Research Journal*, Vol. 1, No.3, pp. 157-163, ISSN 2320-3714, UGC List No. 63012

Gaur M, Tyagi V (2020). **Attending Fuzzy Transit Issues Using Centroid of Centroids Technique**, *Elementary Education Online*, Vol 19, Issue 4, 2020, pp. 5604-5613. ISSN 1305-3515. **Scopus**

Tyagi, V., Saksena, R., Kumar, A. and Kumar, J. (2020). Clinical Study of Acute Myelogenous Leukaemia Patients Data, *Annals of the Romanian Society for Cell Biology*, 24(2), pp. 1448-1462. ISSN: 1583-6258. **Scopus**.

Saksena, R., Tyagi, V., Kumari, R. and Kumar, A. (2020). **Bayesian Estimation of Power Function Distribution using Lower Record Values**, *Journal of National Academy of Mathematics*, 34, pp. 61-71. ISSN: 0970-5228.

Tyagi V, Kumar L. (2019). An Empirical Study to Analyze Manufacturing Process using Process Capability Indices in Paswara Papers Ltd. Meerut, *International Journal of Agricultural and Statistical Sciences*, Vol 15, No.1, pp. 401-408, ISSN 0973-1903, **Scopus**.

Gaur M., Tyagi V., (2019). **Run-time Dynamic Smart System Implementing Proxy Re-Encryption Supported IoT**, *International Journal of Management, IT & Engineering*, Vol.9, No. 1, pp. 667-677, ISSN: 2249-0558

Tyagi V., Kumar L. (2019). An Analytical Study of Process Parameters of Packaging Films: A Case of U-Flex Ltd. Noida, *Bulletin of Pure and Applied Sciences*, Vol.,38E, No.1, ISSN 0970 6577, **Indian Science Abstract; ProQuest, USA**.

Tyagi V, Tyagi V. Kumar L. (2018). **Mitigation of Defects in CD-R Manufacturing Process Through Cause & Effect Diagram**” *International Journal of Essential Sciences*, Vol.,12, No.1&2, ISSN- 0973-8436, UGC List No. 48536.

Tyagi A, Tyagi V (2018). **Apprehending Software Reliability Model Characterizing the Conduct of Software Failures to Time**, *Airo International Research Journal*, Vol. 16, No.1, ISSN 2320-3714, UGC List No. 63012

Tyagi V. Kumar L. (2017) A Conceptual Modality for Pursuit of Statistical Process Control in Manufacturing Units, *International Journal of Essential Sciences*, Vol.,11, No.1&2, ISSN- 0973-8436, UGC List No. 48536.

Tyagi V. Sharma V. Tyagi A. (2017). Evaluation the availability and M.T.T.F. of Two Unit Standby Redundant Complex Systems, *Bulletin of Pure and Applied Sciences*, Vol.,36E, No.2, ISSN 0970 6577, Indian Science Abstract; ProQuest, USA.

Tyagi, V. **Tyagi V. Sharma S. (2011) Traffic Shaping by Statistical Characterization in ATM Networks, *International Journal of Essential Sciences*, Vol., 5, No. 1 pp 78-82, ISSN- 0973-8436, UGC List No. 48536.**

Tyagi V. Tyagi V.K. (2007) Virtual Path Resource Allocation Schemes in ATM Networks, Bulletin of Pure and Applied Sciences, ISSN 0970 6577, Indian Science Abstract, ProQuest, USA

Tyagi V. (2006) Non-Performing Assets: A Study of Causes, *Masterstroke*, ISSN 0972-9895, 2005

Chapter In Book:

"Comparative Study of Water Quality of Rivers of India" Environment Academicians Perspective and Contribution, Published by Disha International Publishing House, ISBN-978-93-91251-13-0, pp 182-191, 2022

"Univariate and Multivariate Process Capability Indices—Measures of Process Performance—A Case Study" Strategic System Assurance and Business Analytics, Published by Springer, ISBN 978-981-15-3647-2, pp 381-392, 2020

"CAC Based Static and Dynamic Bandwidth Allocation Schemes in ATM Networks" in Proceedings: National Conference on 'Information Technology: Settings Trends in Modern Era. ISBN 978-81-904221-3-0, pp 81-87, 2006

Papers Presented:

- Presented a paper titled **"Traffic Shaping by Statistical Characterization in ATM Networks"** at International Conference on "Developments and Applications of Statistics in Emerging Areas of Science and Technology" University of Jammu sponsored by Dept of Sci. & Tech.,
- Presented a paper titled **"Dynamic Resource Allocation Schemes for Congestion Control in ATM Networks"** at International Conference on "Advances in Mathematics: Historical Developments and Engineering Applications" at G.B.Pant University sponsored by CSIR, INSA, Uttrakhand Council of Sci. & Tech. and Dept. of Sci. & Tech. New Delhi
- Presented a paper titled **"Congestion Free Network Design: Hypercube with Virtual Rings"** at 9th National Conference on "Information Technology and Operation Research Applications" at Greater Noida organized by the Indian Society of Information Theory & Applications & Mathematika Sciences Society of India.
- Presented a paper titled **"Uses of Shrinkage Technique in Estimation"** at All India Statisticians Conference on "Experimental Designs and Sample surveys" at J.V. College Baraut.

Conferences And Refresher Courses Attended:

<u>Course/Conference/Seminars</u>	<u>Conducted By</u>	<u>Dates</u>
Short Term Course on Teacher Educator	UGC Human Resource Development Centre, Goa	30 th Nov to 7 th Dec 2021
Short Term Course on Soft Skills and Presentation Skills	UGC Human Resource Development Centre, AMU	23 rd to 30 th Sep 2021
Advance International Training Program on Research Manuscript & Drafting & Publishing	Eudoxia Research Centre	30 th Sep to 31 st Oct-20
Digital Teaching Techniques	ICT Academy Chennai	29 th Jun to 04 th Jul-20
Prerequisites to Achieve Distinguished Soft Skills for Business	Sunrise University, Alwar	17 th to 19 th Jul-20
Workshop on Leadership Skills	ICT Academy Chennai	21 st July 2018
Training Programme on Academic Leadership	Centre of Academic Leadership & Education Centre, AMU, Aligarh (MHRD)	8 th to 11 th Jan. 2018
International Conference on Globalization and Well being	Meerut College, Meerut	14 th to 16 th April 2017
Workshop on Statistical Techniques and R Software	IIT Kanpur	8 th to 12 th Sep. 2016
National Conference on Emerging Trends in Tech. & Management	IAMR Meerut	23 rd April 2016
Workshop on Modern Tools in Applied Statistics	Dept. of Statistics University of Jammu	4 th to 7 th Dec 2010
Workshop on Research Methods And Research Paper Writing	All India Management Asso. Delhi	3 rd to 4 th Dec 2009
Management of Natural Resource And Environment (DST Sponsored)	Indian Institute of Public Administration	2 th Mar to 8 th Mar 2009 (One week)
16 th Business Simulation Games	All India Management Asso.	29 th May to 3 rd June 2007

Delhi

“Reliability and Computer Applications In Statistics” (UGC Sponsored)	Dept. of Statistics, C.C.S.University	11-12/3/2000
Refresher Course in Statistics (UGC Sponsored)	Centre for professional Development in Higher Education Delhi University	1-21/5/2001
Refresher Course in Computer Applications (UGC Sponsored)	Academic Staff College Aligarh Muslim University	6-27/5/2002

Profession Related Administrative Activities:

University:

- Convener II, Research Dev. Comm. 2021,22
- Member Board of Studies 1998, 2002,2011, 2017, 2021 (syllabus was revised in 2002 & 11 and in 2021 as per NEP)
- Member Board of Faculty 2018
- Controller A/B Distribution 2014, 2015
- Dy. Controller Evaluation 2008, 2010,2012,2013
- Asst. Controller Evaluation 2009, 2010,2012
- Asst. Controller Evaluation U.F.M. 2009
- Univ. Flying Squad 2003
- Member Grievance Redressal Cell In University Exam 2016

College

- Coordinator, Consultancy Cell 2020,21,22,23
- Convener, IQAC 2018,19,20,21,22,23

Member Of Academic Associations:

- Life Member of Indian Society Of Information Theory And Applications
- Life Member of N.A.S. College Statistics Association

Member of Other Associations:

- Life Member of Meerut District Cricket Association
- Founder Member of an organization Team Wonderful You.
- Founder member of a social organization Aroma Foundation