

## Faculty Profile

Dr. (Mrs.) RAJPUT NANDA NARENDRASINGH

M.Sc.,M.Phil.,Ph.D.,Certificate course in German

**Designation:**Associate Professor

Department of Statistics

M.E.S's Abasaheb Garware College,

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### Areas of Interest:

- Operations Research
- Regression analysis

### Work Experience:

S.No.	Name of Institution	Duration	Designation
1	MES'S Abasaheb Garware College,Pune-4	8 <sup>th</sup> August 1990 till todate	Associate Professor
2	Shri Shivaji Science College,Nagpur	1 <sup>st</sup> September 1986 till July 1990	Lecturer
3	P.G.D.T,Department of Statistics,Nagpur University,Nagpur	1985-1986	Contributory lecturer
4	Vidarbha Mahavidyalaya,Amravati	4.8.84 to 18.9.84	Lecturer

### Subjects taught:

- Statistical Methods-I &II (F.Y.B.Sc.(C.S.))  
(Descriptive Statistics,Probability,Advanced Probability,Testing of hypothesis,Simulation)
- Applied Mathematics(F.Y.B.C.A.(Science))
- Statistics for Biologists(F.Y.B.Sc.(Biotech.))
- Sampling Methods and Testing of Hypothesis(T.Y.B.Sc.(Statistics))
- Operations Research(M.C.A.(2009-2011)).
- Distribution Theory

### Research Publication:

- “Analysis of Abandonment of Impatient Customers in Queueing System”, **Nanda N. Rajput**, M.V.Kharpade presented at National Conference on “Recent Developments in Mathematics and Statistics”, held at T.C. College, Baramati was then published in the International Journal of Management Studies, Statistics and Applied Economics, ISSN 2250-0367, Vol.3, No.II(December 2013), pp.53-67.
- “Skewness Corrected Control Charts for Random Queue Length”, Manik Kharpade, Nanda Rajput, International Journal of Scientific and Research Publications, Vol.5, Issue 7, July 2015; ISSN 2250-3153.
- “Waiting Time Analysis Using Control Charts based on Skewness and Kurtosis” , Nanda N. Rajput, M.V.Kharpade , *International Journal of Current Research in Science and Technology*, Vol. 3, Issue 3(2017), 21-29, ISSN 2394-5745. Available online <http://ijcrst.in/>.

### Books Co-authored

S.No.	Name of the Book	Class	Year	Publication
1	Statistical Methods-I	F.Y.B.Sc.(Comp. Sc.)	2008-2012, 2013-2019	Tech-Max Publications ISBN:978-93-5077-250-8
2	Statistical Methods-II	F.Y.B.Sc.(Comp. Sc.)	2008-2012, 2013-2019	Tech-Max Publications ISBN:978-93-5077-250-8
3	Elements of Statistics	B.C.A Semester II	2008	Study-Max Publications

### Conferences/Workshops/Seminars attended and presented:

- National Workshop on “Medical Statistics & Clinical Trials”, organized by Department of Statistics, Modern College of Arts, Science and Commerce, Shivajinagar, Pune from 18<sup>th</sup>-20<sup>th</sup> December 2010.
- 2-week ISTE Workshop on “Introduction to Research Methodologies” conducted by IIT Bombay, under the National Mission on Education through ICT (MHRD, Govt. of India), 25<sup>th</sup> June-4<sup>th</sup> July, 2012.
- Presented the paper entitled “Analysis of abandonment of impatient customers in queueing system” in the National Conference on “Recent Developments in Mathematics and Statistics”, 14<sup>th</sup>-16<sup>th</sup> Feb., 2013, organized by, Tuljaram Chaturchand College, Baramati.
- National Workshop on “Recent Trends in Applied Statistics: An Interdisciplinary Approach”, organized by DES’S Fergusson College, Department of Statistics, Pune, from 15<sup>th</sup>-16<sup>th</sup> March, 2013.

- Local level Seminar on “Application of Statistics in Industry & Research” on 24<sup>th</sup> August 2013, organized by MIT-SOM College ,Pune and in association with University of Pune(under cluster Group I).
- International Conference on “Role of Statistics in the Advancement of Science and Technology” Organized by the Department of Statistics & Center for Advanced Studies, University of Pune ,during December 16-18,2013.
- UGC sponsored, National Conference on “Statistics, Mathematics and Their Applications”, organized by Department of Statistics and Department of Mathematics, Institute of Science, Nagpur on 3<sup>rd</sup> &4<sup>th</sup> January 2014.
- Two day State level Seminar on “Data Science using R-software”,held on 13<sup>th</sup> and 14<sup>th</sup> December 2017, organized by Department of Statistics, S.P.College Pune-30.
- Presented a research paper entitled “Analysis of health parameters of the today’s youth” at National Conference for women in Statistics and Analytics organized by Department of Statistics, SPPU, held on Feb.14-16,2018.
- Presented a research paper entitled “Analysis of BSL Data” at National Conference on “Recent Advancements in Statistics and Their Applications to the Society”, held on 17<sup>th</sup> and 18<sup>th</sup> January, 2019 organized by New Arts, Commerce and Science College, Ahmednagar, Maharashtra.
- International Conference on “Computer Age Statistics in the Era of Big and High Dimensional Data” organized by Department of Statistics, SPPU, held on January 3-5, 2019.

Resource Person:

- Invited and worked as a Resource Person for a State level workshop on “Statistics Using R” on 1<sup>st</sup> and 2<sup>nd</sup> March 2017 organized by Post Graduate Department of Statistics, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
- Worked as a Resource Person for “Application of Mathematics and Statistics for Research students” on the topic” R Software” held on 28<sup>th</sup> -29<sup>th</sup> December 2016 by Department of Statistics of our college
- Worked as a Resource Person for National Workshop on “Research and Statistics Made Incredibly Easy” on Topic “Basics of R-Tool and Hands on experience on R tool” on 9<sup>th</sup>-10<sup>th</sup> December 2016,organized by Bharati Vidyapeeth College of Nursing, Pune
- Worked as a Resource Person in One Day Workshop on “Implementation of Choice Based Credit System for BCA(Science)” conducted on 21<sup>st</sup> August 2019 at Dr. D.Y.Patil Arts Commerce and Science College,Pimpri,Pune18

Guest Speaker:

- Invited to deliver talk on the occasion of “Statistics Day” to celebrate the birth anniversary of late Prof. P.C. Mahalanobis, organized by the regional office of National Sample Survey Office under MOSPI for Southern Maharashtra,Pune
- Invited to deliver Guest Lecture at Kaveri College of Arts,Science & Commerce,Pune
- Invited to deliver Guest Lecture at Indira College of Commerce and Science,Pune
- Invited to deliver a Guest lecture at S.P. College,Pune

### **Undergraduate projects supervised**

Supervised projects at F.Y.B.Sc.(Comp.Sc.)/T.Y. level

### **Postgraduate Teacher Recognition:**

Recognized as a Postgraduate Teacher (By Papers) in Statistics (renewed for a period of 5 years) ,from 8/5/2012 to 7/5/2017.(Ref.No. :BUTR/Science/2191-268;Dated:1/6/2012).

Professional Qualifications:

- Completed “Refresher Course in Statistics”,conducted at Department of Statistics, University of Pune from 31/10/1995 to 27/11/1995 .
- Completed “Orientation Programme”,conducted by University of Pune ,Academic Staff College,Pune from29/2/1996 to27/3/1996.
- Completed “Refresher Course In Information Technology(Statistics),conducted at Department of Statistics, University of Pune ,from 3/9/2003 to23/9/2003 .
- Completed “Refresher Course In Information Technology(Statistics),conducted at RMACS college,Akurdi,Pune from18/10/2004 to8/11/2004 .
- Was awarded degree of “Doctor of Philosophy” in the faculty of Science by Rashtasant Tukadoji Maharaj, Nagpur University, Nagpur on 19<sup>th</sup> November 2016.Topic of thesis “ Analytical Study of Adaptive Behaviour of Impatient Customer In various Queueing models Using Control Limits”.Notification of which was issued on16th June 2016.

### **Other positions held :**

- In-charge of Teaching plan implementation
- Member of Teaching plan implementation, examination committee, soft skill development programme, admission committee, time table committee of the college.
- Class Guardian of F.Y.B.Sc.(C.S.)
- Worked as coordinator for F.Y.B.Sc.(C.S.) Statistics Quiz and was judge for T.Y.B.Sc. Intercollegiate Statistics Project competition, organized under Pune University Statistics Association(PUSA).
- Worked as in-charge of “STAT-QUEST” and “STATISTA” of the college.
- Worked as in-charge of Computer Science Association(2004-05,2007-08)
- Worked as senior supervisor(internal and external), paper setter, examiner, moderator and chairman for UG Examination in Statistics of Pune University.
- Worked as subcommittee member of academic committee of University of Pune.
- Worked as subject Expert for staff selection on local and University level.
- Worked as Judge for S.Y.B.Sc. Statistics Quiz-Final Round, organized at Modern College, Shivajinagar, Pune, organized under Pune University Statistics Association(PUSA).
- Worked as External Examiner for practical examination of BD-PC 212:Quantitative techniques in Ecology.

- Invited and worked as a judge for “Group Discussion” for S.Y.B.Sc. Quiz competition final round held in February 2017 at Poona College of Arts, Science & Commerce, Pune organized under PUSA.
- Was a part of organizing committee in “GINKGO: Biodiversity Quiz Competition-2017”.
- Appointed as Chairman for B.C.A (Science) Practical Booklets preparation for university practical examination(2019 pattern) and F.Y.B.C.A.(Science) slip setting committee for BCA117 Applied Mathematics Lab.
- Appointed as external examiner, reviewer for F.Y.B.Sc. Computer Science(Statistics) at Fergusson college(Autonomous).