

Department Information for College Website

Department of Statistics

Faculty Information:

Prin. Dr. Rajendra G. Gurao

Faculty Name	Prin. Dr. Rajendra G. Gurao
Designation	Principal and Professor
Academic Qualification	M. Sc. , Ph. D.
No. of years' experience	33
Responsibilities / College Committees	Principal
Institutional email ID	Principal@hvdesaicollege.edu.in

Research Details:

Ph. D. Topic	Hotspot Detection For Ranking and Prioritization For Remediation in Geo-Referenced Data
Research Area	Hotspot Detection, Rank Set Sampling
No. of Research Projects handled	01 Minor (Completed)

List of Publications, books, book chapters:

a) Publications:

Sr. No.	Year of Publication	Level of Publication International/ National/ State/ Local	Title	Name of Publisher/Journal
1	July 2012	I	Estimating Population Maximum using Different Sampling Designs. [ISSN 0975-1661,vol4]	International Science Press /Journal of Statistics
2	April 2012	N	Comparison Among Sampling Designs Using R- Software: A Case Study [ISSN 2250-270X, vol1]	Brihan
3	Feb 2012	L	Ranked Set sampling With Confusion Function	Bharati Vidyapeeth Souvenir

4	July 2012	I	Forecasting Hotspot Using Different Sampling Designs: A Comparative Study Of Efficiency ISSN 1997-4116	ISF Boston, Massachusetts USA
5	Jan 2015	I	Study Paper On Confusion In Raking In Ranked Set Sampling [ISSN 2394-207X, Vol V]	International Journal of Multifaceted and Multilingual Studies
6	Nov 2015	I	Hotspot Detection Using Ranked Set Sampling [ISSN 2454-8499, Vol 1]	International Research Journal Of Multidisciplinary Studies
7	Sept 2015	I	Comparison Between Loss Functions In Decision Theory [ISSN 2231-5063, Impact Factor 3.4052]	Golden Research Thought
8	Sept 2015	I	Sampling distribution of Sample Maximum Under Different Sampling Designs [ISSN 2231-5063, Impact Factor 3.4052]	Golden Research Thought
9	February 2016	N	Problems in Empowerment Of Urban Poor With Special Reference to Female Students ISBN - 978-81-928786-4-5	Demographic Shift - Road To Sustainable Development

List books, book chapters:

Sr. No	Academic year	Title	ISBN	Publisher	Publisher: National/ International/ local
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1	2015-16	Statistics Of Extreme Values	978-1-329- 70295-0	Lulu.com, 3101, Raleigh, NC 27607, United States.	I
2	2015-16	Hotspot Detection In Geo-Referenced Data	978-1-329- 70296-7	Lulu.com, 3101,Raleigh,NC 27607, United States.	I
3	2015-16	Ranking And Prioritization Of Statistical Data	978-1-329- 70551-7	Lulu.com, 3101,Raleigh,NC 27607, United States.	I
4	2015-16	Elements of Data Mining	978-93- 84247-94-2	Chandralok Prakashan, Kanpur 21.	N
5	2015-16	Operation Research Inventory Control and Queuing Theory	978-93- 84247-91-1	Chandralok Prakashan, Kanpur 21.	N
6	2015-16	Statistical Theory	978-93- 84247-92-8	Chandralok Prakashan, Kanpur 21.	N
7	2015-16	Sampling Methods	978-93- 84247-93-5	Chandralok Prakashan, Kanpur 21.	N
8	Business Mathematic s and Statistics	Suyash Publications, Pune	2004		
9	Mathematic s and Statistics	Seth Publication, Mumbai	2008		
10	Elements Statistics	Diamond Publications, Pune	2008	ISBN978-81-8483- 101-6	
11	Business Mathematic s	Diamond Publications, Pune	2008	ISBN978-81-8483- 087-3	
12	Business Statistics	Diamond Publications, Pune	2009	ISBN978-81-8483- 109-2	