

## Profile Page



Name : Dr Raghaw Raman Sinha  
Designation : Assistant Professor  
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### Research Interests :

Sampling Techniques and Data Analysis

### Other Profile Links :

#### Google Scholar Link :

Dr Raghaw Raman Sinha [Click HerePublons](#) [Click HereVidwan](#) [Click Here](#)

### Journal Publications :

| Year | Journal   | Publication  |
|------|---|--|
| 2021 | Investigación Operacional, 42(1), 1-8                         | R. R. Sinha and Vinod Kumar (2021): Improved estimation of variance under complete and incomplete information,   |
| 2020 | Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci., (Springer) | R. R. Sinha, Himani Dhingra and Priya Thakur, Estimation of Ratio of Two Means Using Regression-Cum Exponential Estimators in the Presence of Non-response, , ( <a href="https://doi.org/10.1007/s40010-020-00690-0">https://doi.org/10.1007/s40010-020-00690-0</a> ). |
| 2020 | Journal of Reliability and Statistical Studies, 13(1), 21-60  | R. R. Sinha and Bharti, Families of estimators for ratio and product of study characters using mean and proportion of auxiliary character in presence of non-response  |
| 2020 | Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci., (Springer) | R. R. Sinha, Suraj Gangwar and Shiwani Sharma, Regression-Cum-Exponential Estimators for Product of Two Population Means Under Double Sampling the Non-respondents   |
| 2020 | Journal of Social and Economic Statistics, 9(2), 1-12         | R. R. Sinha, Generalized classes of estimators for population mean, ratio and product using rank of auxiliary character under double sampling the non-respondents  |
| 2019 | Statistics in Transition-new series, 20(3), 81-95             | B. B. Khare and R. R. Sinha, Estimation of Product of Two Population Means by Multi-Auxiliary Characters Under Double Sampling the Non-Respondents,  |

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|------|---|---|
| 2017 | Journal of Statistics and Management System, 20(3), 355-268. (<br><a href="http://dx.doi.org/10.1080/09720510.2017.1304922">http://dx.doi.org/10.1080/09720510.2017.1304922</a> )             | R. R. Sinha and Vinod Kumar, Regression cum exponential estimators for finite population mean under incomplete information  |
| 2016 | International Journal of Accounting and Economics Studies, 4(2), 142-147. (DOI: 10.14419/ijaes.v4i2.6376)   | R. R. Sinha, Families of estimators for ratio and product of study characters using mean and proportion of auxiliary character in presence of non-response  |
| 2015 | National Academy Science Letters, (Springer), 38(6), 501-505. (DOI 10.1007/s40009-015-0380-6)   | R. R. Sinha and Vinod Kumar, Families of Estimators for Finite Population Variance Using Auxiliary Character Under Double Sampling the Non-respondents  |
| 2015 | International Journal of Computing Science and Mathematics, 6(5), 442-458. (DOI: <a href="http://dx.doi.org/10.1504/IJCSM.2015.072963">http:// dx.doi.org /10.1504/ IJCSM. 2015. 072963</a> ) | R. R. Sinha and Vinod Kumar, Estimation of mean using double sampling the non-respondents with known and unknown variance   |
| 2014 | International Journal on Recent Trends in Life Science and Mathematics, 1(2), 1-7   | R. R. Sinha, Estimation of Ratio of Two Population Means using Auxiliary Attributes in Presence of Non-Response   |
| 2014 | Jour. Earth Syst. Sci., (Springer), 123(3), 479–489   | Vaneet Kumar, N. C. Kothiyal, Saruchi, R. Mehra, A. Parkash, R. R. Sinha, S. K. Tayagi and R. Gaba, Determination of Some Carcinogenic PAHs with Toxic Equivalency Factor Along Roadside Soil within a Fast Developing Northern City of India |
| 2014 | National Academy Science Letters, (Springer), 37(1), 71-79  | R. R. Sinha and Vinod Kumar, Improved Classes of Estimators for Population Mean Using Information on Auxiliary Character Under Double Sampling the Non-respondents  |
| 2014 | Statistics in Transition-new series, 15(3), 389-402   | B. B. Khare and R. R. Sinha, A Class of Two Phase Sampling Estimators for Ratio of Two Population Means using Multi-Auxiliary Characters in the Presence of Non-Response  |
| 2013 | International Journal of Mathematics and Statistics, 14, 43-54  | R. R. Sinha and Vinod Kumar, Improved Estimators for Population Mean using Attributes and Auxiliary Characters under Incomplete Information,  |
| 2012 | International Journal of Statistics and Economics, 8, 86-95   | B. B. Khare and R. R. Sinha, Combined Class of Estimators for Ratio and Product of Two Population Means in Presence of Non-Response   |
| 2012 | Elixir Statistics, 51, 10881-10885  | R. R. Sinha and Vinod Kumar, Estimation of Population Mean Using Mean Square Error by Double Sampling the Non-Respondents   |
| 2012 | Statistika, 49(3), 75-83  | B. B. Khare and R. R. Sinha, Improved Classes of Estimators for Ratio of Two Means with Double Sampling the Non-Respondents,  |
| 2011 | Statistics in Transition-new series, 12, 45-56  | B. B. Khare and R. R. Sinha, Estimation of Population Mean Using Multi-Auxiliary Characters with Subsampling the Non-Respondents,   |
| 2011 | Aligarh Journal of Statistics, 31, 53-62  | R. R. Sinha and Vinod Kumar, Generalized Estimators for Population Mean with Sub Sampling the Non-Respondents,  |
| 2010 | International Transactions in Applied Sciences, 2, 841-846  | B. B. Khare and R. R. Sinha, On Class of Estimators for the Product of Two Population Means Using Auxiliary Character in Presence of Non-response   |
| 2009 | Statistics in Transition-new series, 10, 3-14   | B. B. Khare and R. R. Sinha, On Class of Estimators for Population Mean Using Multi-Auxiliary Character in Presence of Non-Response,  |
| 2008 | Journal of Scientific Research, 52, 271-281   | B. B. Khare, Anupam Kumar, R. R. Sinha and S. K. Pandey, Two Phase Sampling Estimators for Population Mean Using Auxiliary Character in Presence of Non-Response in Sample Surveys,   |

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|------|---|--|
| 2007 | Proceedings of Statistical Technique in Life Testing, Reliability, Sampling Theory and Quality Control, 205-213 | B. B. Khare and R. R. Sinha, Estimation of the Ratio of the Two Population Means Using Multi- Auxiliary Characters in the Presence of Non-Response.                                      |
| 2004 | Indian J. Appl. Statistics, 8, 1-14   | B. B. Khare and R. R. Sinha, On the General Class of Two Phase Sampling Estimators for the Product of Two Population Means Using the Auxiliary Character in the Presence of Non-Response |
| 2002 | Proceedings of the 5th International Symposium on Optimization and Statistics, 233-245                          | B. B. Khare and R. R. Sinha, General Class of Two Phase Sampling Estimators for the Population Mean Using an Auxiliary Character in the Presence of Non-Response                         |
| 2002 | Proceedings of the 5th International Symposium on Optimization and Statistics, 221-232                          | B. B. Khare and R. R. Sinha, On the Class of Two Phase Sampling Estimators for the Product of Two Population Means Using the Auxiliary Character in Presence of Non-Response             |
| 2002 | Progress of Mathematics, 36, 337-348 (ISSN:0555-4330)   | B. B. Khare and R. R. Sinha, Estimation of the Ratio of Two Population Means Using Auxiliary Character with Unknown Population Mean in Presence of Non-response                          |
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### Events Organized :

| Category   | Type     | Title  | Venue   | From       | To         | Designation          |
|------------|----------|--|---|------------|------------|----------------------|
| STC        | National | Recent Trends in Applied Mathematics                         | Dr. B. R. Ambedkar N. I. T., Jalandhar, India, sponsored by TEQIP-II                          | 30-11-2015 | 04-12-2015 | Course Coordinator   |
| Conference | National | Innovations in Applied Science and Engineering (NCIASE-2019) | Dr. B. R. Ambedkar N. I. T., Jalandhar, India, sponsored by TEQIP-II during April 27-28, 2019 | 27-04-2019 | 28-04-2019 | Organizing Secretary |
| STC        | National | Optimization & Statistical Models and Tools                  | Dr. B. R. Ambedkar N. I. T., Jalandhar, India, sponsored by TEQIP-III                         | 26-08-2020 | 30-08-2020 | Course Coordinator   |

### Professional Affiliations :

| Designation     | Organization                              |
|-----------------|---|
| Life membership | Indian Statistical Association            |
| Life membership | Ramanujan Mathematical Society            |
| Life membership | Indian Society of Agricultural Statistics |

### PhD Supervised :

| Scholar Name | Research Topic  | Status  | Year | Co-Supervisor |
|--------------|---|---------|------|---------------|
| Anjali Gupta |   | Ongoing | 2022 |               |
| Bharti       |   | Ongoing | 2018 |               |
| Vinod Kumar  | Problems on estimation of population parameter in presence of non- response | Awarded | 2014 |               |

### **Admin. Responsiblities :**

| <b>Position Held</b>                    | <b>Organization</b>            | <b>From</b> | <b>To</b> |
|---|--------------------------------|-------------|-----------|
| Faculty in-charge: Institute Time Table | Dr B R Ambedkar NIT, Jalandhar | 2009        | 2021      |
| Associate Dean                          | Dr B R Ambedkar NIT, Jalandhar | 05/02/2021  | Contd.    |