



**School: School of Studies in Mathematical and Computational Sciences**

**Department: Mathematics**

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**Name: Dr. Sandeep Singh**

**Qualifications: M.Sc. Ph.D.**

**Area of Interest/Specialization: Information Theory, Financial Mathematics**

**Experience: 24 years**

**Best Peer Reviewed Publication (up-to 11): (UGC Listed Journals)**

1. Sandeep Singh, "On Norlund Summability of Lacunary Fourier Series", The Mathematics Education, Vol. XXVIII, No. 2, June 1994, 103-108, ISSN 0047-6269.
2. S.K. Varma, Sandeep Singh and P. Jha, "Measures of Three and Four Parametric Entropy and Directed Divergence", Vol.24 (2004), 99-106, ISSN 0971-0388.
3. Sandeep Singh, "On Unorthodox Approach to Generating Measures of Information", Vol. 54, 2010, 183-187, ISSN 0447-9483.
4. Sandeep Singh, Chandra Prakash Dhuri, Trigonometric measures of entropy, Chhattisgarh Journal of Science and Technology, Vol 14, Issue 4 (2017) 45-46 (ISSN:0973-7219).
5. Sandeep Singh, Chandra Prakash Dhuri, Insight into different areas of mathematical modeling with applications, Chhattisgarh Journal of Science and Technology, Vol 14, Issue 4 (2017) 08-10 (ISSN:0973-7219).
6. Sandeep Singh, Chandra Prakash Dhuri, Trigonometric Measures of Directed Divergence, Chhattisgarh Journal of Science and Technology, Vol 15, Issue 1 (2018) 41-43 (ISSN:0973-7219).
7. Sandeep Singh, Chandra Prakash Dhuri, Role of information technology in the evolution and growth of Bhartiya share bazaar from its inception to modern era, Chhattisgarh Journal of

- Science and Technology, Vol 15, Issue 1 (2018) 1-2 (ISSN:0973-7219).
8. Chandra Prakash Dhuri, Sandeep Singh, A Study of Relation Between Metric Space and Fuzzy Relation, Chhattisgarh Journal of Science and Technology, Vol 16, Issue 4 (2019) 4-6 (ISSN:0973-7219).
  9. Sandeep Singh, Chandra Prakash Dhuri, Data mining techniques in the volatility of stock market, Chhattisgarh Journal of Science and Technology, Vol 16, Issue 2 (2019) 33 (ISSN:0973-7219).
  10. Sandeep Singh, Chandra Prakash Dhuri, Logarithmic Measure of Information, Chhattisgarh Journal of Science and Technology, Vol 17, Issue 4 (2020) 37-38 (ISSN:0973-7219).
  11. Sandeep Singh, Chandra Prakash Dhuri, Financial literacy for rural public: efforts made by SEBI, Chhattisgarh Journal of Science and Technology, Vol 18, Issue 1 (2021) 25-28 (ISSN:0973-7219).

#### **Recent Books/Book Chapters/Monographs etc.:**

1. Sandeep Singh and A. Gupta, “Role of Information Technology (ICT) and M-Commerce in Stock Market”,(2017) 231-237, ISBN: 978-81-7946-080-1.
2. Sandeep Singh and C.P. Dhuri, “Integration of Fuzzy Logic Neural Network and Genetic Algorithms”, (2017) 221-225, ISBN: 978-81-7946-080-1.

#### **Administrative Responsibilities:**

1. Director (I/C) Institute of Technology.
2. Academic Incharge, Institute of Technology.
3. Co-ordinator SC/ST Remedial Coaching
4. Co-ordinator (Finance), Distance Education.
5. Member Flying Squads, UTD Exams.

- 6. Incharge Flying Squads for Degree Colleges.**
- 7. Superintendent of Exams**
- 8. Assistant Superintendent of Exams.**
- 9. Member Anti-Ragging Committee, Institute of Technology.**
- 10. Member Anti-Ragging Committee, Mathematics Department.**
- 11. Member of board of Studies of Institute of Technology.**
- 12. Member of board of Studies, Department of Mathematics.**
- 13. Member School Board of Computational and Mathematical sciences.**

**Additional Information: Research paper 1 and 2 reviewed by Mathematical reviews, a division of American Mathematical Society (AMS) USA.**

**Dr. Sandeep Singh**