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SCOPE & OBJECTIVES

Journal of Statistics, Optimization and Data Science (JSOD) is a journal of innovative research thoughts. Intellectual's thinking and researcher's thought Processing in both the Classical & Applied areas of Mathematics, Statistics, Stochastic Processes, Optimization Modeling, Operational Research and Computational Methodologies is the scope of the journal. It's a peer reviewed and open access journal that can facilitate the healthy and competitive knowledge discovery and its dissemination. The core objective of this endeavor is to create a knowledge sharing global platform for generating the intellectual properties. Idea conceiving, Knowledge incubation and thought processing towards the generation of brain products are the other prominent aims through this research journal.

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Mathematics: numerical analysis and approximations, algebra, geometry and topology, discrete mathematics, mathematical logic and foundations, dynamical systems, mathematical physics, mathematical finance, number theory, Combinatorics, mathematical analysis and applications, mathematical education.

Statistics: Probability theory, stochastic processes, statistical modelling, applied statistics, applied econometrics, statistical mechanics, statistical education, Bayesian statistics, biostatistics, business statistics, causal inference, computational statistics, design of experiments, engineering statistics, estimation theory, graphical modelling, high dimensional data analysis, multivariate analysis, non-parametric statistics, parametric statistics, regression analysis, reliability, sampling theory, social statistics, statistical computing, statistical inference, survival analysis, time series analysis.

Operations Research: heuristics mathematical programming, optimal control, optimization, decision sciences, expert systems, networks, queuing theory, simulation, inventory analysis, logistics, transportation, warehousing and maintenance, planning and scheduling, product and service design, project management, quality management, revenue management, supply chain management, education operations research.

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CALL FOR PAPERS

Dear Researchers of Mathematical and Data Sciences, I am glad to announce that the significance of research needs are increasing day by day in the diversified areas of Mathematical Sciences. The disciplines of Mathematics, Statistics, Optimization, and Data Science are now gaining their momentum in the computational aspects as Machine Tools. The contributions towards thought processing and exploring the innovative knowledge products like Research Papers, Patents, Prototyping, etc. makes the mathematical scientists pivotal in all its allied disciplines.

In order to address the new emerging research concerns and meeting the upcoming demands of knowledge discovery in the Mathematical Science in the name of data science, a humble beginning a noble endeavor has been initiated. The core objectives of our activity include collection research thoughts and publish on a competent networking forum. The new journal by name Journal of Statistics, Optimization and Data Science (JSOD) will be a right platform to present your thought provoking ideas and latest mathematical discoveries for possible conversion as intellectual properties in data science. The newly popped up nomenclature of mathematical tools as Machine tools and Mathematics/ Statistical/ Optimization Learning as Machine learning, our journal will definitely makes it indelible impressions among the research community.

Therefore, the enthusiastic mathematical/statistical/optimization scientists are encouraged to come up with the thoughts of diversified applications in data science. Your creative and novel contributions will always be properly incubated and grown. Our concern is to give birth and prospective development of your gifted knowledge baby to the society. Kindly contribute all the fresh, foundational and virgin thoughts towards the said disciplines in the format of research articles. You conceive and Idea we will take care to see that as new research product. As our networking is having a good number of experts, your participation will definitely enjoy a value adding to your career. Let us grow together by sharing and caring the research endeavors.

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INSTRUCTION FOR AUTHOR

Journal of Stochastic Optimization and Data Science (JSODS) is a journal of innovative research thoughts. Intellectual's thinking and researcher's thought Processing in both the Classical & Applied areas of Mathematics, Statistics, Stochastic Processes, Optimization Modeling, Operational Research and Computational Methodologies is the scope of the journal. It's a peer reviewed and open access journal that can facilitate the healthy and competitive knowledge

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- All sections and subsections should be numbered in Arabic numerals.
- Figures and Tables should be numbered consecutively.
- Equations which are cited in the main text should be numbered consecutively on the right margin, using Arabic numerals in parenthesis.
- References should appear in the text as Alexe (2020) or Time et al. (2020).

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- Elton, E. J. and Gruber, M. J. (1987), *Modern Portfolio Theory and Investment Analysis* (3rd edition), John Wiley, New York.
- Hammer, P.L., Kogan, A. and Lejeune, M.A. (2011), "Reverse engineering country risk ratings: a combinatorial non-recursive model", *Annals of Operational Research* **188**, 185–213.

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