

Special Session Theme: High Performance Computing Challenge in Big Data Analysis

Session Chairperson: Professor Dr. Vinai K. Singh

Aim: The main objective of this special session is to present the research from different areas of science and technology. This special session provides a platform for researchers and scientists across the globe to exchange and share their experiences and research results about all aspects of high performance computing challenges in big data analysis. This special session also provides an opportunity to interact and establish professional relations for future collaboration. The special session aims to promote innovations and work of researchers, engineers, students and scientists from across the world on Advancement in big data analysis. The basic idea of the special session is what more can be done using the existing technology. In Today's world big data analysis using high performance computing plays an important role for future's innovation.

Session Chairperson Details



Vinai K. Singh is working as a Professor in the Department of Applied Science and Humanities. He holds a PhD degree in Approximation Theory from the Indian Institute of Technology Banaras Hindu University (IIT BHU0 Varanasi. The Current focus of his research is related with High Performance Computing. He has multi-discipline/cross disciplined ability in teaching and he has have been teaching both computer science and engineering subjects, for example He has been actively engaged in research activity since 1997. His areas of research interest include functional analysis, approximation theory, and different kinds of positive operators. He is author of 3 book chapters and 6 books and over 29 research papers in the national and International Journals of repute. He referees articles for professional journals and serves as editorial member of many national and international journals . He is **recently** Published Books/:*Modern Mathematical Methods and High Performance Computing in Science andTechnology*; ISBN 978-981-10-1453-6 & ISBN 978-981-10-1453-3 (e-book) by Springer-Verlog Germany in 2016..

Forthcoming Book: *Advances in Mathematical Methods and High Performance Computing* will be published in June 2018 with Springer International Publishing AG, Switzerland.He has **projects**Under Vishveswarayya Research Promotion Scheme Dr. A. P. J .Abdul Kalam Technical University, Lucknow has sanctioned Rs. 4, 58, 000 for the research project entitled “**Big Data Analysis Using High Performance Modeling and Simulation Technique**” for the year 2017-2019.

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