

Editorial

Special issue on “5-day National Workshop on Optimization and Fuzzy Mathematics”

Research on Fuzzy Mathematics is becoming year by year more and more relevant for the impact on theory and applications. Again, the optimization techniques are extensively used in many scientific and engineering design problems where the emphasis is on maximizing or minimizing a certain goal. The world is full of uncertain and we need optimization in uncertain environment system.

The 5-day National Workshop on *Optimization and Fuzzy Mathematics (NWOFM 2014)* held on September 9-13, 2014, at Department of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal, India. The basic aim of this workshop was to make participants aware of the basics of different optimization techniques and different types of uncertain system and their applications in research. This workshop is made interdisciplinary so that the participants of all disciplines can take the benefit of application of optimization techniques and fuzzy mathematics.

I am grateful to House of Scientific Research for having given me the opportunity to organize the special issue on “Optimization and Fuzzy Mathematics” in the reputed journal *Annals of Pure and Applied Mathematics*. We received 28 submissions. Based on a rigorous review process, 16 papers were selected for publication in the special issue. I am very grateful to the reviewers for their hard work, which yielded 16 accepted papers you will find in this special issue.

Hope the participants, particularly young researchers will be highly benefitted from this special issue. Finally, I would like to thank all authors and reviewers for their time and contributions of this special issue.

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