

Editorial

Special issue on “Short Term Course on Advanced Optimization Techniques”

Research on Optimization Techniques is becoming year by year more and more relevant for the impact on theory and applications. The optimization techniques are extensively used in many engineering design problems where the emphasis is on maximizing or minimizing a certain goal.

The **Short Term Course on Advanced Optimization Techniques (STCAOT 2013)** held on November 13-17, 2013, in Department of Mathematics, National Institute of Technology Durgapur, West Bengal, India. The basic aim of this short term training programme was to make participants aware of the basics of engineering optimization techniques and its applications in research. This TEQIP-short term training programme is made interdisciplinary so that the participants of all disciplines can take the benefit of application of engineering optimization.

I am grateful to House of Scientific Research for having given me the opportunity to organize the special issue on Short Term Course on Advanced Optimization Techniques in the reputed journal ***Annals of Pure and Applied Mathematics***. STCAOT 2013 received 31 submissions. Based on a rigorous review process, 11 papers were selected for publication in the proceedings. I am very grateful to the reviewers for their hard work, which yielded 11 accepted papers you will find in this special issue.

Hope the participants, specially 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, and thank the Editor-in-Chief of *Annals of Pure and Applied Mathematics* for the wisdom and guidance during the preparation of this special issue.

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This short term course is sponsored by



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