FOREWORD

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Gautam Biswas

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I am indeed delighted that after the publication of Special Issue entitled, “*Design: Analysis and Optimization*”, another special issue related to optimization is being published in Journal of The Institution of Engineers (India): Series C. This issue has been named, “*Modeling and Optimization in Design and Manufacturing*” and it contains 10 papers. Interestingly, the subject areas of this issue cover fluid mechanics and heat transfer aspects as well. This is appropriate since modern design and manufacturing requires multidisciplinary approach.

It is heartening to see the growth of Journal of The Institution of Engineers (India): Series C. It is making a great impact on the researchers all over the world. Many eminent researchers and professors are interested to bring out special issues. The number of paper submission is increasing day by day. I hope that some more special issues will be published related to cutting edge research.

I convey my heartiest thanks to Prof. Uday S. Dixit and Prof. Amitava De for Guest-editing this issue. I also wish a Happy New Year 2015 to all authors, reviewers and readers.