

## Preface

We are very pleased to introduce the proceedings of the International Conference on Computational Intelligence and Advanced Manufacturing Research (ICCIAMR 2014). The aim of ICCIAMR 2014 is focused on research and emphasizes the latest, in terms of technological advancements. Here's the chance to interact with the experts from Engineering and Technology fraternity and bring together students, academicians, researchers, Engineers and industrialists to present their papers and discuss on various issues related to real world problems in the society. This Conference Proceedings volume contains the written versions of most of the contributions of the International Conference on Computational Intelligence and Advanced Manufacturing Research, held at Vels University, Chennai, India on 2<sup>nd</sup> and 3<sup>rd</sup> May 2014.

The Conference provided a setting for discussing recent developments in a wide variety of topics including advanced materials research, Mechatronics, I C Engines, Alternate Fuels, Industrial Engineering & Operations Management, Computational Fluid Dynamics, Finite Element Methods ,Optimization Techniques, Artificial Intelligence, Soft Computing, Power Electronic Systems, Information Systems and Evolutionary Algorithms. The Conference has been a good opportunity for participants coming from Malaysia, China and so many countries to present and discuss topics in their respective research areas.

We would like to thank all the participants for their contributions to the Conference program and for the Proceedings. We express our sincere thanks to Dr.Ishari K.Ganesh, Chancellor for his kind support and guidance and to Dr.K.Sekhar, Vice Chancellor for his effective guidance. Finally, it is appropriate that we record our thanks to the members of the Organizing Committee in preparing this proceedings volume.

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