

## From the Guest Editor

This special issue of the journal *Thermal Science* is dedicated primarily to know about the recent scientific achievements in the field of mechanical engineering. University college of engineering Villupuram is pioneer in the research and development activities for almost 10 years and conducted First International Conference on Advances in Mechanical Engineering (ICAME) during October 15-16<sup>th</sup> 2015.

Issue aims to spotlight the importance of advances in mechanical engineering and its need in the global scenario. Further, studies of the modern experimental, numerical and analytical methods have been presented to solve thermal problem in engineering like energy, combustion, refrigeration and air conditioning, and design. This also explains the reduction of environmental pollution using various technologies and developing green and clean technologies to the society.

From 230 papers presented in the ICAME2015 31 papers have been selected. The technical papers presented are based on the scientific research performed by faculty members and research scholars in the field of thermal, design, and manufacturing engineering from all over India.

All the papers have been revised according to high standards of the journal *Thermal Science* which have positioned the journal high on the worldwide SCI list in the area of thermal science. Our special gratitude's are to Professor Simeon Oka, Editor-in-Chief of the journal *Thermal Science*, and Professor Milan Radovanović, President of the Society of Thermal Engineers of Serbia. Finally, I am also sincerely thankful to Professor Simeon Oka towards his continuous support and co-operation for preparation of this special issue and make it grand success.

Guest editor

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