

**Proceeding  
Of  
2nd International Conference on Recent Development In  
Mechanical, Production, Industrial And Automobile  
Engineering (ICMPIAE 2015)**

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Bangalore**

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**Organized by:**



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## About Conference

Technical Research Organisation India (TROI) is pleased to organize the 2nd International Conference on Recent Development In Mechanical, Production, Industrial And Automobile Engineering (ICMPIAE 2015)

ICMPIAE is a comprehensive conference covering the various topics of Mechanical, Production, Industrial and automobile Engineering. The aim of the conference is to gather scholars from all over the world to present advances in the aforementioned fields and to foster an environment conducive to exchanging ideas and information. This conference will also provide a golden opportunity to develop new collaborations and meet experts on the fundamentals, applications, and products of Mechanical, Production, Industrial and automobile engineering. We believe inclusive and wide-ranging conferences such as ICMPIAE can have significant impacts by bringing together experts from the different and often separated fields of Mechanical, Production, Industrial and automobile Engineering. It creating unique opportunities for collaborations and shaping new ideas for experts and researchers. This conference provide an opportunity for delegates to exchange new ideas and application experiences, we also publish their research achievements. ICMPIAE shall provide a plat form to present the strong methodological approach and application focus on Mechanical, Production, Industrial and automobile engineering that will concentrate on various techniques and applications. The conference cover all new theoretical and experimental findings in the fields of Mechanical, Production, Industrial and automobile engineering or any closely related fields.

Topics of interest for submission include, but are not limited to:

Mechanical Engineering  
Aerodynamics  
Aerospace Systems and Technology  
Applied Mechanics  
Automation  
Biomechanics  
Design and Manufacturing  
Energy Management  
Fluid Dynamics  
Fuels and Combustion  
Industrial Tribology  
Instrumentation and Control  
Internal Combustion Engines  
Mechatronics  
Micro-Machining  
Nano- Technology  
Robotics  
Solid Mechanics  
Mechatronics Engineering  
Advanced Motion Control  
Intelligent Control  
System Integration  
Automotive and Transportation Systems  
Micro Mechatronics  
Mechatronics in Energy Systems and many more....

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## **Editorial**

The conference is designed to stimulate the young minds including Research Scholars, Academicians, and Practitioners to contribute their ideas, thoughts and nobility in these two integrated disciplines. Even a fraction of active participation deeply influences the magnanimity of this international event. I must acknowledge your response to this conference. I ought to convey that this conference is only a little step towards knowledge, network and relationship.

The conference is first of its kind and gets granted with lot of blessings. I wish all success to the paper presenters.

I congratulate the participants for getting selected at this conference. I extend heart full thanks to members of faculty from different institutions, research scholars, delegates, TROI Family members, members of the technical and organizing committee. Above all I note the salutation towards the almighty.

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