

Guest Editorial: Recent trends in Advances in Manufacturing and Machine learning

The special issue will help the readers grasp the most recent technological and inventive achievements, particularly in manufacturing, machine learning, and engineering improvements. In the manufacturing, machine learning, and engineering fields, the special issue will discover solutions to physical problems, challenge how things operate, improve how things work, and provide ideas for doing things in new and different ways.

The aim of this special issue is to target over the various recent advancements in newest and advanced manufacturing practices that offer several fruitful solutions while processing latest and difficult-to-machine materials used in different industrial sectors will also be focused. The ongoing researches in the domain Additive Manufacturing/Rapid Prototyping, Micro/Nano Manufacturing, Manufacturing systems, Advances in Welding/Casting/ Forming Processes, Conventional/ Unconventional Machining, Composite Materials, Advanced Manufacturing Processes, CIM/CAM/ Modelling and Simulation, Powder Metallurgy, Non-destructive Testing etc have been summarized at common platform from the distinct authors. This issue may provide readers, researchers and academics with in-depth knowledge of present scenarios and future improvements in advances in manufacturing and machine learning along with the futuristic transformations.

This special issue consists of various manuscripts having its roots in the core of Recent trends in Advances in Manufacturing and Machine learning with conventional and non-conventional techniques. This special issue provides deep insights to its readers about the current scenarios and future advancements in the domain of materials and manufacturing under context of optimum value. The issue for offering the readers a better fundamental platform to explore these research domains precisely.

The Guest Editors hope that the special issue topics with the theme of “Recent trends in Advances in Manufacturing and Machine learning” make the articles a coherent set that represents a good exposure of the highest quality work. Further, the guest editors hope that the contributions in this special issue provide the future reader an insight into the broad domain of Advances in Manufacturing and Machine learning in real-life applications. The Guest Editors would like to express my gratitude and heartiest thanks to Editor-in-Chief, Prof S. Singhal, and Associate Editor Prof. R.P.Singh, and the entire Editorial Board members for their immense support and appreciated contributions to this special issue.

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