

Special Issue

Performance Enhancement of Advanced Composites and Biobased Composites through Hybrid Approach, Volume II

Message from the Guest Editors

Hybridisation of two or more fibres is one technique in which the benefits of each reinforcing material can be combined to achieve a composite that demonstrates better and improved properties and applications. In this approach, two or more types of reinforcement (fibres) are reinforced into a single matrix. In recent years, there have been many attempts to achieve higher performance of composite materials through the hybridisation technique. Many studies suggest positive effects of hybridisation on various properties. However, understanding the hybrid compatibility (interfacial layer characteristics and adhesion to matrix) of two reinforcements is important and needs to be fully understood in order to realise the full potential of the hybridisation system. This Special Issue aims to attract original papers dealing with the science and mechanisms of hybrid systems which are relevant to the structural, semi-structural and non-structural service performance of composite materials for industrial applications as well as letters, case studies, brief/short communications and review articles. Importantly, innovative studies on both experimental and numerical investigations are welcomed.

Guest Editors

Prof. Dr. Hom Nath Dhakal

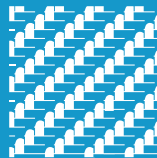
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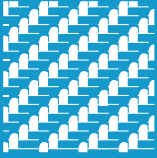
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