

# **A REVIEW ON PROPERTIES OF FIBROUS COMPOSITE MATERIALS.**

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## **ABSTRACT:**

Fibrous composites are trusted over the regular material manufacturing, due to its green house effect, high degree of freedom, integration of function and low total maintenance cost. A number of researchers have focused on this fertile area to cater the needs of a variety of industrial applications. Researchers have selected different fabrication methods and tested various mechanical and chemical properties according to a specific application. A review on these research works paves the way for the young researchers to reorient their work in new directions with hybrid approaches and may result in better results.

A comprehensive review is done in this paper about the properties of fibrous composites (metal fibers & natural fibers) with an aim to map the different fibrous composites fabrication methods and its properties. From the work published on emergent type of fibers in recent time is also reviewed. This paper will also provide review on detail chemical treatments to know the fiber surface properties.

***Keywords:*** *Fibrous Composites, Metal composites, Natural Composites, Mechanical Properties*