

Green Composites



In the perspective of producing environment friendly fully green composites, Poly(lactic acid) is a suitable candidate because of its renewable, biodegradable and biocompatible properties with reduced carbon footprint. The utilization of BIT coir fibers in biopolymers for developing eco-friendly “fully green” polymeric composite (having lower carbon footprint compared to petroleum based conventional materials) to be used in automotive and domestic sector such as mirror back covers and ID cards respectively . The Coir fibre reinforced PLA composites are potential candidate similar applications such as trays, cutlery, pen stands , agricultural moulded products etc.