



such as smart phones, at an ever increasing rate has created a stream of plastic waste that is difficult to dispose. This has driven research in sustainable fibre-reinforced bioplastics derived from renewable resources, known as "Green Composites". Zain Zaidi will talk about the challenges involved in bringing green composites into everyday applications, and current methods that exist to counter these challenges. Polyhydroxybutyrate-co-valerate (PHBV) is a bioplastic derived from bacteria and offers much promise for a sustainable future. Zain Zaidi's work will allow future

researchers to study the effect of certain additives on the

mechanical, thermal and biodegradation properties of PHBV.

Date: 5th December
Time: 6pm — 7pm
Venue: Soorty Lecture Hall