

Polymeric Textile Materials from Renewable Sources

Date : 23 July 2009 (Thursday)

Time : 2.30pm – 3.30pm

Venue : EA-06-03 Seminar room, Faculty of Engineering

Speaker: Prof Naraindra Dharma Kistamah

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Abstract:

With increase in world population, steady rise of the price of crude oil and a greater awareness of the delicate global environment, the use of renewable natural resources for the supply of raw materials in the field of textiles is gathering pace. This phenomenon may be termed as a ‘bio-based revolution’.

This presentation highlights the various renewable and sustainable technologies for the development of textile fibres. Several polymeric materials have already been developed using naturally occurring substances by a combination of chemical and biological technologies. Not all the ‘bio-based’ polymeric fibres are fully commercially affordable but some have found useful applications owing to their special properties in areas such as biomedical, healthcare and other technical textiles.

About the Speaker

N. Kistamah is Senior Lecturer at the Department of Textile Technology, University of Mauritius. His PhD research work centres around the use of biodegradable materials in textiles.

~~ All are welcome ~~