

Preface

The Green manufacturing techniques are undergoing continuous development as environment regulations are getting more compelling and new technologies for 'cleaner' manufacturing are introduced as they have higher biodegradability and may deduce occupational health risks.

The increasing awareness of green manufacturing practices all over the World and concentration of consumers towards ecofriendly products have elevated the demand on industries to reduce the usage of petroleum based products.

Eco friendly products are typically derived from naturally occurring organic substances whose properties and utility vary based on biological factors such as nutrient availability, climate, light, temperature and water.

The stringent International norms have widened the scope for green approaches in the areas of design, manufacturing, operation and reuse of products. It is high time to expose the academia and industry to explore appropriate solutions to the current environmental issues. The eco-friendly practices in the areas of energy, modeling, material, manufacturing and management of resources are deliberated in this conference. The forum brings together the leading academic scientists and researchers to share their experience of their most recent innovations, challenges and the solutions adopted in the field of Green System.

The theme of the conference was to GO GREEN in the fields of design, manufacturing, operation and disposal of materials to save the mother Earth. The focus of the conference was to open a new paradigm to deliberate on eco-friendly and robust design, use of materials with less environmental impact, use of fewer materials, optimal utilization of resources during manufacturing processes.

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