

Planning 1: Overview lectures by distinguished researchers in the world textile engineering



**Bijoya Kumar Behera, PhD,
Professor**
(Indian Institute of Technology
Delhi)

1. Lecture topic:
Global Manufacturing Trend : Light weighting through 3D weaving
and 3D printing towards sustainability

2. Lecture style:
On-line via Zoom

Speakers Biography

(Next page)

<p>Speakers Biography</p>	<p>Dr B. K. Behera is working as professor in the Department of Textile and Fibre Engineerig , Indian Institute of Technology Delhi. His area of specialization includes Fabric manufacturing, 3D weaving and Braiding, Apparel Engineering and Quality control, Fabric Hand, Project Management, Textile Structural Composites and Concretes and Mechanics of Textile Structure. His Current research interest includes Design and manufacturing of Textile structural composites and concretes, Auxetic Weaving, Green composites, 3D weaving, Protective Clothing, Automotive Textiles. Prof Behera has authored more than 300 peer-reviewed papers and delivered more than 350 talks in various international conferences and symposia including 70 plenary and invited speech in international conferences. He has authored , co-authored and chapter contributions in 15 books relating to Textile structural Mechanics, Soft computing in Textiles and Weaving Technology. Prof. Behera has supervised 30 PhD and 70 Master thesis . He has seven patents to his credit. Prof. Behera has successfully completed 25 sponsored research projects and more than 75 industrial consultancy projects as principal investigator. At present he is chief of a Focus Incubation Center in 3D weaving and Structural composites supported by Ministry of Textiles. He has also worked as visiting professor in Shinshu university Japan, Technical university of Liberec, Czech Republic and University of Sao paul , Brazil and Usak university Turkey. He has been an invited speaker in many foreign universities and institutions which includes Shinshu University Japan, Technical university Liberec, VUTS research centre Czech Republic, Promatech Machinery Research centre Italy, Composite research institute Budapest, Sao Paulo university Brazil. Prof. Behera is member of governing council of several reputed Textile institutions and member of Board of studies in five Technical universities . Prof. Behera has a very strong interaction with several reputed textile industries in India in the capacity of a consultant. He is also member of Board of Directors of three reputed textile companies in India.</p>
---------------------------	---