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Name of the faculty	SURANJANA GANGOPADHYAY
Designation	ASSISTANT PROFESSOR
Qualification	B.Tech (Fibre Tech.), M.TEXT (Manmade Fibre Production Technology)
Date of Joining	07-01-2008
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Area of Research	Electrically conductive textiles, Textile based antenna and sensors, Electrically conductive geotextiles, Intelligent textiles, Textile Testing and Quality control, Innovation in textile structures.
Subjects Taught	Characterization and Properties of Textile Materials, Textile Testing, Design of Textile Structures, Advances in Man Made Fibre Production
Publications	<p>Gangopadhyay, S., Viswanadham, BVS and Guha, A. (2015). Laboratory Studies on the Use of Electrically Charged Geosynthetics for Soft Soil improvement. Proceedings of Advances in Soft Ground Engineering, C.F.Leung, T. Ku and S.C.Chian (Editors), Research Publishing, pp.417-426.</p> <p>S. Gangopadhyay, S.M. Rathod, N. Gadlinge, S. Waghmare, S. Sawant, T. Sachdev and N. Tambe (2017). Design and Development of Electro-Conductive Rectangular Textile Antenna using Polypropylene Fabric. In Proceedings of IEEE UPCON 2017.</p>
Guidance	<ul style="list-style-type: none"> • 12 UG Projects • 6 PG Projects
Collaboration/Interaction with outside word	<ul style="list-style-type: none"> • Inventor in a patent filed by IIT Bombay (Patent details: Patent published <p>Indian patent for “Conductive geotextile and method of manufacturing the same” - Patent no. 3597/Mum/2013 A , published in The Patent Office Journal on 24/07/2015, page no. 45943).</p>
Membership of professional bodies	<ul style="list-style-type: none"> • Life member of Indian Fibre Society • Life member of Indian Natural Fibre Society