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7.	Brief account of your research interests with special focus on Nano Science and Technology (strictly within 300 words):	Leather processing is primarily associated with purification of a multi-component material, skin, to obtain a single protein, collagen. Solid co-products from the tanning industry are unavoidable. Protein-based solid wastes acquired much attention due to their high value. Although several methods have been developed for utilizing protein based wastes, development of high value products has remained a challenging issue. Our group has been actively involved in converting protein based skin/leather wastes into valuable nanocarbon materials and nanocomposites. The major goal is in achieving high-value multifunctional nanomaterials from the waste generated from leather industry. Besides, our group is also working on the design and development of functionalized graphene based materials as well as nanophosphors for various applications.
8.	Keywords related to your research interests (maximum 10, different lines separated by commas)	Nanocarbon materials, Nanocomposites, Nanobiocomposites, Conductivity, Magnetism, Optical properties