

1.	Name - <b>Dr. Prem Felix Siril</b>
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7.	Brief account of your research interests with special focus on Nano Science and Technology (strictly within 300 words): <b>My research interest is mainly on the synthesis of nanostructures of various materials such as metals, metal oxides and polymers using 'soft' templates. we are extensively working on the synthesis of such nanostructures using liquid crystal phases formed by the self assembly of surfactants. The nanostructures are tailored for various applications such as catalysis, electrocatalysis, sensing etc. We are also working on nanocrystallisation of simple organic compounds for applications such as nanodrugs, nanoenergetic materials etc.</b>
8.	Keywords related to your research interests (maximum 10, different lines separated by commas) <b>metal nanostructure, swollen liquid crystals, metal oxide nanostructure, polymer nanostructure, drug nanoparticle, nanoenergetic materials, electrocatalysis, sensors.</b>