

The research work under reference has not been given any award.

**Specific work for nomination:**

Prof. Gopinath's research group developed nanomaterials for various biomedical applications. They have developed tumor targeted theranostic nanomaterials for simultaneous imaging and cancer therapy. His research group has expertise in developing nanofibers for gene and drug delivery for cancer therapy and wound healing applications. Recently his group has developed nano-biosensor for early detection of cancer for which an Indian patent was granted. Presently they are working to develop the prototype into a product for early diagnosis of cancer. His research group is also working on to address some of the problems relevant to food sector. They have also developed nano-nutraceuticals to treat anemia and micronutrient deficiencies.

**Author contributions**

Project investigator: Dr.P. Gopinath (Prof. & Head, Centre for Nanotechnology, IIT Roorkee)  
Other authors are students (PG/PhD) worked/working under the guidance of Dr.Gopinath



(P.Gopinath)