

# Cusat Granted Patent for Optical Limiters

By [NE Reporter](#) on August 3, 2019

## **KOCHI:**

Cochin University of Science and Technology and Raman Research Institute, Bangalore has been granted a patent for the invention entitled ‘optical limiting Ferromagnetic nano particles and Device thereof’. The patent is in accordance with the provisions of the Patent Act 1970, Government of India.

Prof. M R Anantharaman, Nano magnetic scientist and a UGC-BSR faculty of the Cusat’s Department of Physics, Dr. Swapna S. Nair, Head, Physics Department, Central University of Kerala. and Prof. Reji Philip of Raman Research Institute, Bangalore are the inventors. The invention provides an optical limiter which shows high performance optical limiting and has high shelf life and bleach threshold against light power. The optical limiter can find extensive applications in optical sensor protecting devices and laser goggles. The group already prepared a prototype for these kinds of applications. This research was conducted at cusat Dr. Swapna S. Nair and Prof. Reji Philip under the guidance of Dr. Anantharaman.

<http://www.newsexperts.in/cusat-granted-patent-optical-limiters/>