

Prof. Sheshanath V. Bhosale, Department of Chemistry invited as Guest Editor of a special issue of the prestigious journal "Sensors"

The application of fluorescent sensors and fluorescence microscopy, in combination with other analytical techniques for mapping total metal content, offers researchers the opportunity to address fundamental questions about sensing of ions, explosives, and biological molecules for example glucose or RNA detection. Fluorescence microscopy also permits visualization of an object of interest in unicellular organisms, individual molecules, multicellular organisms and cells encapsulated in 3D matrices.

The rapid progress in sensor science in recent years has resulted in the development of fluorescence probes with enhanced analytical capabilities. The field fluorescence microscopy came in being in late 90s with publication of about 100 articles a year. In early years of 21st century, this number went to over a thousand articles a year and within 15 years, today, the number has doubled.



The Open Access journal "Sensors" with an Impact Factor of 2.677, published by MDPI, Switzerland has therefore proposed to bring out a Special Issue on the '*Fluorescent Probes and Sensors*' and identified Prof. [Sheshanath V. Bhosale](#) of the Department of Chemistry at Goa University as the Guest Editor based on his contributions to the field of knowledge.

Congratulations to Prof. Bhosale.