

Session V: Technology & Applications

Fluorescent probes with special reference to biomedical applications

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After completing his bachelor's degree in Chemistry from St. Joseph's College, Sivakumar earned his B.Sc (Tech), M.Sc (Tech) & Ph.D (Tech) degrees from the erstwhile UDCT, University of Mumbai. He has a post-doctoral stint at University of South Carolina, Columbia in developing optical probes for bio-imaging applications. In his thirteen years of Industrial experience, he has worked in different capacities starting with Hindustan Ciba-Geigy research Centre, BSAF India Ltd, GE's John F. Welch Technology Centre in Bangalore & Clariant Chemicals India Ltd. He is currently associated with the Research and Development activities of Sudarshan Chemical Industries Ltd. at its R & D Centre. His experience covers Colour Chemistry for application to Textile, Plastic & Bio-medical fields, Polymers for textile auxiliaries and leather Chemicals. Sivakumar has authored / co-authored 6 issued U.S. patents and has several publications in peer-reviewed international journals in Organic / Medicinal Chemistry. He has been trained in Sig-Sigma tools and had participated in several leadership training programs during his stay with firms of repute.

