

Dr. K. Anil Kumar



Dr. K. Anil Kumar is a dynamic researcher with varied interests in the area of Medicinal Chemistry, Nanobiotechnology and Solid State Formulations. Author of three internationally reputed texts in the area of Biocatalysis and Green Chemistry, his present focus is to design innovative technologies to develop safe and affordable nutraceuticals & colorimetric detection methods for trace element detection. Having obtained his doctorate from Sri Sathya Sai Institute of Higher Learning, Prashanti Nilayam, he has been an outstanding academic for over one and half decades, before moving to Dr. Reddy's Institute of Life Sciences, Hyderabad, where he was Heading the Center for Research on Drug Repurposing (CRDR). He is currently Head, Tata Chemicals Limited, Innovation Centre at Pune. He was awarded the Young Scientist award by AICTE, New Delhi in the year 1996, and has been recognized as the top innovator from India for the year 2008-09 by Intellectual Ventures (a US based company).

Some of his major research contributions are given below.

- Biocatalytic method of O-dealkylations
- Novel patentable combination therapies (compositions of matter) with enhanced efficacy and reduced toxicity
- Stable & Soluble Nutraceuticals
- Colorimetric detection methods for Fluoride in water
- Low cost defluoridation of water
- Novel plant extracts as green crop care formulations