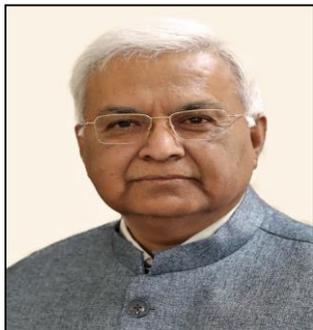


2020 Awardee



Outstanding Alumnus Award of College of Basic Sciences and Humanities

Dr. Sanjay Kumar

Dr. Sanjay Kumar obtained Master's and Ph.D. degrees from G.B. Pant University of Agriculture and Technology, Pantnagar and Indian Agricultural Research Institute, New Delhi, respectively. Joined CSIR-IHBT as "Scientist B" in 1990; received post-doctoral training at Texas Tech University (USA), Rothamsted Research (UK), and Kansas State University (USA).

His major contributions include discovery of a novel carbon fixation pathway and its transplanted in a heterologous system to reduce photorespiratory losses leading to photosynthetic gain and yield enhancement (work lauded by international fraternity), discovery of autoclavable superoxide dismutase from high altitude plant, its characterisation and modification.

Guided 25 MSc/PhD students, holds several international patents and has >150 research/review articles, book chapters, edited book etc. Some of his key contributions have percolated to major reviews and book also.

He is fellow of the National Academy of Sciences, National Academy of Agricultural Sciences and Crop Improvement Society of India. Bestowed with prestigious VASVIK Industrial Research Award 2013 for Agricultural Science and Technology; R.D. Asana Endowment Lecture Award; Professor G.V. Joshi Memorial Lecture Award; Ultra International Team Award for contribution in Essential Oil Industry; Certificate of Merit in CSIR Leadership Programme; and Young Scientist Award by Indian National Science Academy. He has been chairman/member of several Professional Committees and Task Forces, and has served Editorial Board of several international journals.

As Director of CSIR-IHBT since 11th June, 2015, he vitalised several initiatives for empowering society/farmers, which include successful procurement and introduction of Heeng (asafoetida) and Monk fruit in the country, and introduction of saffron and apple in non-traditional areas.

Dr Kumar catalysed inclusive development of the institute by mobilizing financial resources from varied agencies and linking with relevant state, national and international department(s)/ agency(ies)/ institute(s). With relentless approach for quality science and technology development, led CSIR-IHBT to attain top position in the state and 9th ranking among 38 institutes of CSIR as per the SCImago rating.