

2020 Awardee



Outstanding Alumnus of University Award

Dr. Ashwini Kumar

Dr. Ashwini Kumar, ID 9698 Batch 1977, received his Bachelor of Technology [Agricultural Engineering] from G.B. Pant University of Agriculture & Technology. After receiving his BTech, he did his Master of Science [Agric. Eng.] from the University of Manitoba, Winnipeg, Canada and then went on to get his PhD in Agricultural Engineering from the University of Minnesota, St. Paul, MN, USA. Following his PhD, Dr. Kumar joined North Carolina State University, Raleigh, NC, USA, as a research associate. He then joined then-supercomputing giant, Cray Research, Inc. as a process engineer. After this, he has been working at Ansys Inc. in Evanston, Illinois for the last twenty-five years.

The 4A has recognized Dr. Kumar's vision, leadership, and his contributions to the global Pantnagar Community. It is the recognition of a finest and passionate alumnus by the greatest university in the World.

In North America, most universities have active alumni associations. Pantnagar lacked it in early 80s. Realizing this, Dr. Kumar worked tirelessly to create a group from scratch with sole purpose of connecting alumni and especially lending a hand to new and upcoming students to this continent.

Dr. Kumar has actively involved in different cultural associations. In addition to these activities, Dr. Kumar is also involved in his local community in the United States as an Elected Official [<https://www.golf67.net/board-of-education>].

Over the course of his career, Dr. Kumar has published seventeen papers, presented at many conferences, and co-authored two book chapters. He received Silver Medal for his B. Tech. from Pantnagar. For his master's thesis, Dr. Kumar focused on grain storage and while for PhD dissertation the University of Minnesota as well as post-doctoral research at the Southeast Dairy Federation Research Center and Center of Aseptic Processing & Packaging [both at North Carolina State], he used finite elements methods in simulating thermal and aseptic processing of foods. This work brought recognition and he was recognized as Fellow of the North Carolina Supercomputing Applications in 1991 & 1992 and ultimately, Dr. Kumar was hired by the supercomputer maker, Cray Research. Since 1996, he has been working with Ansys, the global leader in engineering simulation in customer relationship management, technical support, and professional services. His expertise includes Computational Fluid Dynamics (CFD), Heat Treatment, Quenching, Food Processing, High Performance Computing as well as Cloud Computing. His responsibilities include working with world's most innovative companies to deliver radically better products to their customers and help them solve the most complex design challenges and create products limited only by imagination.