

Dr. Prakash Dhamshala, Professor of Mechanical Engineering, joined UTC in August of 1981. Currently, he is the most senior faculty member in the College having taught for over 42 years!

During his tenure at UTC, Dr. Dhamshala has served as the Mechanical Engineering Graduate Coordinator, Chair of the College and Mechanical Engineering Promotion and Tenure Committees, and Faculty Advisor for the ASHRAE student chapter. Dr. Dhamshala also has served as the Vice-Chair of the ASHRAE Handbook Chapter T.C 5.5 Air-To-Air Recovery, a member of the ASHRAE Handbook Committee, a member of the ASHRAE Professional Development Committee, and a board member of the Tennessee Valley Chapter of ASHRAE. He also received a Faculty Award for Research in Mechanical Engineering Department at UTC, 2015.

In addition to his many years of teaching undergraduate and graduate classes in Thermal Component Design, Heat and Mass Transfer, Heat Conduction and Radiation, Engineering Analysis of Renewable Energy Resources, and Advanced Thermal Dynamics, Dr. Dhamshala has developed computer software for efficient design and analysis of thermal systems and for evaluation of carbon footprint for industrial institutions and products. He has also worked on Design and Second Law Analysis of Air-Conditioning Systems, Cogeneration, CHP, Energy Recovery Systems, Solar Energy Systems for Zero-Energy Buildings and Communities and has worked on Analysis of Energy Efficiency and Energy Storage Technologies. Dr. Dhamshala has been the major thesis/project advisor for many ME graduate master's students during his time at UTC.

Dr. Dhamshala's dedication to his students, especially in their education concerning renewable energy, is well known and speaks to his passion for, and the importance of, sustainability.