

THE UNIVERSITY OF MICHIGAN

Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

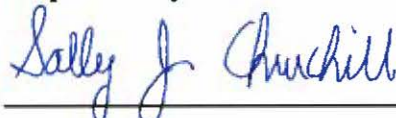
Keshav S. Varde, Ph.D., professor of mechanical engineering in the University of Michigan-Dearborn College of Engineering and Computer Science, retired from active faculty status on December 31, 2018.

Professor Varde received his M.S.E. and Ph.D. degrees from the University of Rochester in 1967 and 1971, respectively. He joined the University of Michigan-Dearborn faculty as an assistant professor in 1974, and was promoted to associate professor in 1977, and professor in 1983. He served as chair of the Department of Mechanical Engineering (1988-90), interim associate dean of the School of Engineering (1989-90), and associate dean of the College of Engineering and Computer Science (1990-2014)

Professor Varde contributed to the field of mechanical engineering through his research on and teaching in combustion, explosion and fuels, thermodynamics, propulsion and engine systems, and sprays and modeling. He published research papers on emissions, alternative fuels and energy systems, fluid hydraulics, fuel systems, and combustions in a variety of distinguished journals. Over the course of his career, he successfully secured over \$1 million in grant funding that enabled him to advance the field of mechanical engineering in a number of important ways. Professor Varde presented his innovative work at seminars in Egypt, Germany, Japan, India, South Korea, and the United Kingdom. His expertise was also recognized across the industry, leading him to consult for a number of companies, including Booz Allen Hamilton Inc., BorgWarner Inc., and Ford Motor Company. Professor Varde was a member of the American Society for Engineering Education, the American Society of Mechanical Engineers, and the Society of Automotive Engineers. He taught graduate and undergraduate courses on a wide variety of topics, including thermodynamics, heat transfer, and alternative energy systems. Professor Varde also provided thesis supervision and guidance to nearly 40 masters and Ph.D. students.

The Regents now salute this distinguished faculty member by naming **Keshav S. Varde, professor emeritus of mechanical engineering.**

Requested by:



Sally J. Churchill, J.D.

Vice President and Secretary of the University

March 2019