

Fifty-Seventh Convocation

Saturday, 29th June 2024

Chief Guest



Professor Jayathi Y. Murthy
President, Oregon State University, USA

Prof. Jayathi Y. Murthy, a national leader in higher education engineering teaching, research and service, began her service as Oregon State University's 16th president on Sept. 9, 2022.

As OSU's president, Prof. Murthy is committed to improving access to college for all learners; advancing student success, undergraduate graduation rates and inclusive excellence throughout the university; expanding OSU's strong research portfolio by investing in research infrastructure; and supporting faculty excellence in teaching, research and Extension and engagement programs.

Prior to joining Oregon State, Prof. Murthy served as the Ronald and Valerie Sugar Dean at the UCLA Henry Samueli School of Engineering and Applied Science since January 2016.

Prof. Murthy was the first woman dean at UCLA's engineering school. During her tenure, she made expanding access to a UCLA engineering education a top priority by deepening relationships with local community colleges, increasing outreach to underrepresented minority groups and easing the transition for transfer students. She led the effort to establish Women in Engineering at UCLA – a program that supports the full participation of women in engineering. While at UCLA, she was active in helping raise more than \$330 million in philanthropy.

Under Prof. Murthy's leadership at UCLA, the engineering school focused on growth in areas critical to the 21st century, including engineering in medicine and biology;

sustainable and resilient urban systems; artificial intelligence, machine learning and data science; cybersecurity and the future internet; robotics and cyberphysical systems; as well as advanced materials and manufacturing. She also has served as a distinguished professor in the school's mechanical and aerospace department.

Before joining UCLA, Prof. Murthy was chair of the mechanical engineering department at the University of Texas at Austin and held the Ernest Cockrell, Jr. Memorial Chair in Engineering from 2012-2015. Prior to that, Prof. Murthy was a mechanical engineering professor at Purdue University from 2001-2011 and served as a professor of mechanical engineering at Carnegie Mellon University in Pittsburgh from 1998 to 2001.

While at Purdue and University of Texas, Prof. Murthy served as the director of the Center for Prediction of Reliability, Integrity and Survivability of Microsystems (PRISM) from 2008 to 2014, a center of excellence supported by the National Nuclear Security Administration (NNSA).

Prof. Murthy began her career at Arizona State University, where she was an assistant professor of mechanical and aerospace engineering from 1984 to 1988. From 1988 to 1998, Prof. Murthy worked at New Hampshire-based Fluent, Inc., a developer and vendor of the world's most widely used computational fluid dynamics software. She led the development of algorithms and software that still form the core the company's products. She has authored over 330 technical publications.

Prof. Murthy received a doctorate in mechanical engineering from the University of Minnesota, a master's degree in mechanical engineering from Washington State University and a bachelor's degree in mechanical engineering from the Indian Institute of Technology, Kanpur, where she was named a distinguished alumna in 2012.

She is a member of the National Academy of Engineering (NAE), foreign fellow of the Indian National Academy of Engineering (INAE), fellow of the American Society of Mechanical Engineers (ASME) and the NCAA Division I Board of Directors. Prof. Murthy is the recipient of many honors, including the, the ASME Electronics and Photonics Packaging Division Clock Award in 2012, the ASME Heat Transfer Memorial Award in 2016, the ASME Kate Gleason Award and a Linn-Benton NAACP Social Change Champion Award in 2023, and a Women of Influence Award from the Portland Business Journal in 2024.

Her research interests include nanoscale heat transfer, computational fluid dynamics, and simulations of fluid flow and heat transfer for industrial applications. Recently, her focus is on sub-micron thermal transport, multiscale multi-physics simulations of micro- and nano-electromechanical systems (MEMS and NEMS) and the uncertainty quantifications involved in those systems.

Prof. Murthy is married to Sanjay Mathur, an aerospace engineer who works at SparkCognition, a firm specializing in artificial intelligence systems and development.
