

NEW FACULTY SPOTLIGHT

DR. SUMITH YESUDASAN
DEPARTMENT OF
ENGINEERING
TECHNOLOGY



KATELYN CONNER
COLLEGE OF SCIENCE AND ENGINEERING TECHNOLOGIES
SAM HOUSTON STATE UNIVERSITY

Sam Houston State University would like to welcome the newest addition to the Department of Engineering Technology, Dr. Sumith Yesudasan! For the department, Dr. Yesudasan will be teaching Engineering Statics, Material Handling and Plant Layout, Advanced Thermodynamics, and Heating and Ventilation systems. He also plans on contributing to research here at the university and is in the process of developing a Thermal Imaging and Mechatronics research Lab for the department; his research interests are in the application of artificial intelligence in mechatronics and the development of molecular models of water using machine learning for heat transfer studies.

Dr. Yesudasan was born in India and developed an interest in physics while in high school; he shared that he built a generator from an old direct current motor thus fueling the beginning of his career in the engineering field. After working for General Electric and Delphi Automotive, he decided to broaden his expertise by obtaining a doctoral degree focusing on heat transfer, thermodynamics, fluid mechanics, and molecular simulation, as well as thrombosis simulation. He holds a Master of Technology degree in Manufacturing Technology from NIT and a Ph.D. in Mechanical and Aerospace Engineering from Syracuse University.

Dr. Yesudasan stated that he wanted to join Sam Houston because of the research facilities available, the potential for growth in the engineering and technology area, and the talented and friendly members of the faculty. He also wants to share a quote with his students: “Chase excellence and success will follow.”

FUN FACTS:

WHAT IS THE MOST INTERESTING PLACE YOU'VE EVER VISITED OR LIVED?

HELEN, GA

IF YOU WERE AN ANIMAL, WHAT ANIMAL WOULD YOU BE?

A CAT

WHAT DO YOU FIND TO BE RELAXING?

MUSIC

IF YOU COULD HAVE ANY SUPERHERO POWER, WHAT WOULD IT BE?

INVISIBILITY