

Dr. Prasad was elected a Fellow of ASME in 2007

The Fellow grade of membership recognizes exceptional engineering achievements and contributions to the engineering profession. Dr. Prasad's photograph and description of accomplishments will be posted on the ASME Fellows website. He will also be recognized in the November 2007 issue of Mechanical Engineering Magazine.

Description of Accomplishments:

Dr. Prasad is known in the fluid mechanics community for his contributions to particle image velocimetry (PIV). In particular, he laid the foundations for a new technique called Stereoscopic PIV with innovations in hardware and software that are now used by practitioners worldwide. Such imaging-based techniques have revolutionized fluid mechanics research by their ability to provide global information with unprecedented spatial resolution and accuracy in contrast to earlier techniques. Dr. Prasad has applied PIV and other laser-based diagnostic tools to study problems in environmental fluid mechanics, bio fluid mechanics, industrial mixing, and most recently in PEM fuel cells.