



Professional Qualification

Kolano and Saha Engineers, Inc.
Consultants in Acoustics, Noise and Vibration

PRANAB SAHA, Ph.D., P.E.
INCE BOARD CERTIFIED
SAE MASTER INSTRUCTOR

EDUCATION: Ph.D. in Mechanical Engineering (Acoustics Specialty), Georgia Institute of Technology
M.S. in Engineering Sciences, University of Florida
B.S. in Mechanical Engineering, University of Calcutta

PROFESSIONAL LICENSING AND CERTIFICATION: Licensed Professional Engineer - State of Michigan; Master Instructor - SAE International; Board Certified Noise Control Engineer - Institute of Noise Control Engineering (INCE)

CURRENT RESPONSIBILITIES: Responsibilities include both administrative and technical. Dr. Saha a widely recognized individual in the automotive industry, both nationally and internationally, is in charge of automotive and product noise related programs and serves as the direct link between the client and company's staff/resources. He is continuously involved on advanced projects for future vehicles to seek ways to reduce noise.

PREVIOUS EMPLOYMENT: Blachford Engineers, PC 1984-1986 Pontiac, MI Provided one year of engineering services to a division of General Motors in Advanced Interior Acoustics area. Directed and supervised a complete noise study of a \$500 million steel making facility.
C F Braun & Co. 1982-1984 Alhambra, CA Served as an environment leader for various on-shore gas compression facilities.
H.L. Blachford, Inc. 1978-1982 Troy, MI Assisted in a research study for the Motor Vehicle Manufacturers Association to determine the effects of environmental variables on truck noise emission.

PROFESSIONAL INSTRUCTION: Regularly teaches for SAE International on vehicle sound package materials and applications.

PROFESSIONAL HONORS: Michigan Society of Professional Engineers (MSPE): Professional Award - 2009 Certificate of Appreciation - 2008 Steinman Award - 2000 Engineer of the Year Award - 1999
American Consulting Engineers Council/Michigan and Michigan Society of Professional Engineers: Outstanding Engineer in Private Practice - 2000
SAE International: Longtime Member Service Award - 2006 EMB Outstanding Oral presentation Award - 2001 Forest R. McFarland Award - 1997 Tech Standards Bd - Cert of Appreciation - 1997

PROFESSIONAL MEMBERSHIP: Acoustical Society of America (ASA) American Society of Mechanical Engineers (ASME) Engineering Society of Detroit (ESD) National Society of Professional Engineers (NSPE) SAE International - Chairperson of 2005 SAE Noise & Vibration Conference - Chairman, 1996-2001 Acoustical Materials Committee Sound and Vibration - Contributing Editor

PROFESSIONAL PUBLICATIONS: Dr. Saha has published and presented numerous technical papers in the publications of SAE, Sound and Vibration Magazine, INCE, IEEE, ASME, and ASA.

GUEST SPEAKER: University of Michigan - Ann Arbor - Chi Epsilon Honor Society Mar. 2009 Wayne State University - Detroit, MI - Seminar Series Apr. 2008 SAE INDIA - Chennai and Delhi Jun. 2007 University of Michigan - Dearborn - Seminar Series Mar. 2007 Rotary International - Ortonville Rotary Club, MI Jan. 2006 Northern Illinois University - Graduate Colloquium Program Feb. 2004 Acoustical Society of America - Upper Midwest Chapter Program Feb. 2002