

MATHEW M. GEORGE

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Education

M. S. Mechanical Engineering - North Carolina State University, Raleigh, North Carolina. USA. (01/00 – 05/03)
GPA – 3.833/4.0 overall; Major – 3.833/4.0

B. Tech. Mechanical Engineering - T.K.M. College of Engineering, Kollam, Kerala, India. (08/94 - 12/98)

Graduated with Honors – 75.57% overall – First Class with Distinction. Equivalent GPA – 3.7/4.0 over 8 semesters.

Present Profession

MMG Acoustical Consultants, Bangalore, India

4/2004 to Present; Full Time

Acoustical Consultancy Firm – Utilize the latest acoustical computer analysis and up-to-date information to provide written practical advice to any client in their entire respective project from any stage - design to retrofit (correction) projects. The consultancy services cover architectural acoustics, industrial noise control, community or environmental noise control and noise control of the electromechanical systems.

Stewart Acoustical Consultants, NC, U.S.A.

7/2005 to Present; Full Time

Senior Consultant and HVAC Analysis Coordinator – Contracted on a project basis to assist in review and evaluation of acoustics related technical aspects for various US projects. Work is primarily the provision of analysis and initial workable recommendations for various HVAC noise control problems and architectural room acoustics.

PTS Consulting, Singapore

7/2015 to Present; Full Time

Lead Acoustic Consultant – Contracted on a project basis to assist in review and evaluation of acoustics related technical aspects for various Singapore projects. The services cover architectural acoustics, industrial noise control, community or environmental noise control and noise control of the electromechanical systems.

Experience

Jessy Jacob Associates, Bangalore, India

6/2004 to 10/2005; Part Time

In house Acoustical Consultant – Provide acoustical analysis and practical written advice to the above mentioned firm on all their projects from design to completion and this includes retrofit (correction) projects. The services cover architectural acoustics, community noise issues, and acoustical concerns in HVAC related to the respective projects.

Stewart Acoustical Consultants, NC, U.S.A.

06/2001 to 08/2001, 01/2002 to 10/2003; Full time

Acoustic Consultant Trainee – Worked in both administrative and technical aspects, while gaining knowledge and hands on experience in noise control techniques, with projects under execution, as a part of training as acoustical consultant. Worked on architectural acoustics, industrial noise control projects and community noise problems. Dealt with different in-house software to analyze and provide recommendations and had prepared reports for the acoustics of space. Also provided analysis and recommendations for various HVAC noise control problems.

SIEMENS - Landis and Staefa LLC, Dubai, United Arab Emirates

04/1999 to 12/1999, Full Time

Trainee Sales and Project Engineer – Assisted in the smooth functioning and single handily created a library of schematic diagrams of most cases of “small works projects” for HVAC controls (Projects with investment limit of \$50,000) as a Sales Engineer. Gained hands on experience in installation and supervision, with projects under execution as a part of training for Projects Engineer. Attended numerous information sessions conducted by the Technical and Research Dept. for better understanding of the HVAC control products and capabilities of the company.

Professional Activities

Principal NCAC (National Council of Acoustical Consultants, USA) Member

Member of ASA (Acoustical Society of America)

Member of INCE (Institute of Noise Control Engineers)

Associate Member of ASHRAE (American Society of Heating, Refrigeration and Air-conditioning Engineers)

Member of ASTM (American Standards for Testing and Measurements)

Research and Teaching

Research Project – “Acoustic Agglomeration” for commercial exhaust systems - Under Dr. Robert T. Nagel - Professor at North Carolina State University (NCSU), Raleigh, North Carolina.

Teaching Assistant, Mechanical & Aerospace Dept., NCSU, Raleigh,

01/2000 to 12/2001, 20 hrs/wk

Grade homework and tests for Thermodynamics, Fluid Mechanics and Internal Combustion Engines class sections; held office hours to assist students in understanding various concepts in the above fields.

Projects/Courses completed

Noise & Vibration Control – MAE 514 – Dr. Larry Royster

Noise & Vibration Effects on Man and Community - MAE 517 – Dr. Larry Royster

Acoustic Radiation 1 & 2 – MAE 718 & 719 – Dr. Robert T. Nagel

Principles of Structural Vibrations – MAE 513 – Dr. Richard. F. Keltie

Advanced Fluid Dynamics – MAE 703 – Dr. Andre V. Kuznetsov

Noise Control in Air Conditioning – carried out at the I.T.P.L. (International Technology Park Limited) under Voltas Private Ltd. Bangalore, India– part of senior year project for Bachelor’s degree.

Mathew M. George, MMG Acoustical Consultants

