

Satyajit R. Shinde

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Education

- **Master of Science in Mechanical Engineering** (Sept '03 till date)
San Diego State University, San Diego, CA
- **Bachelor of Engineering in Mechanical Engineering** (Jul '98 – Jun '02) [First Class], University of Pune, India.

Master's Research

Low energy production of ultra fine and nanostructures advanced material.

Bachelor's Project

Design and Manufacturing of automated TIG welding Machine at Forbes Marshall Company.

Relevant Graduate coursework: Finite Element Methods, Theory of Elasticity, Mechanical Behavior of Engineering Materials, Analytical Methods of Engineering Design, Nonmetallic Materials and Mechanics of Sintering.

Important Course Projects

- Analysis of a beam (implemented in MATLAB).
- Analysis of a Finite Width Plate with a hole.
- Analysis and Design of a Torque Arm.

Software Skills

Languages : C, C++

Platforms : Windows NT/2000/XP

Packages : Microsoft Office, AutoCAD, Pro-E, Catia

Academic Honors

- Graduate Assistant under Dr.Khaled Morsi.
- Lab Assistant for Metallurgy.

Professional Memberships

- Member of 'Mechanical Engineering Student Association', Sinhgad College of Engineering, Pune (India)

Extra-Curricular Activities: Participation in social activities like blood-donation campaigns, Participation in SAE events and activities, Editor of 'English Section' of college magazine.

References:

- 1) Dr. Khaled Morsi (Thesis Advisor)
Dept of Mechanical Engineering, San Diego State University
Contact: (619) 594-2903, Email: kmorsi@mail.sdsu.edu
- 2) Dr. Satchi Venkatraman
Dept of Aerospace Engineering, San Diego State University
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