

Yasir Hassan Munshi

Research Student, Sloan Automotive Laboratory, Massachusetts Institute of Technology
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PERSONAL DETAILS

Date of birth : December 11, 1985 | Age: 22 | Sex: Male
Father's name : Iftikhar Hussain Munshi
Mother tongue : Kashmiri
Nationality : Indian
Languages : Read : English, Hindi, Urdu, German, Arabic, Kashmiri
Write : English, Hindi, Arabic, German, Kashmiri, Urdu
Speak: English, Hindi, Urdu, Kashmiri

EDUCATIONAL PROFILE

Massachusetts Institute of Technology, USA

Enrolled as Research Student, spring 2008

Research Topic: In situ optical investigation of particle trapping, regeneration and ash formation in a diesel particulate filter (Pursuing at Massachusetts Institute of Technology)

- Investigated diesel soot emission control systems
- Developed optical experimental setup and conducted in situ optical experiments
- Created mathematical models to describe experiments

The main aim of the project is to study the behavior of soot and ash particles and to simulate regeneration

Advisor: Dr Victor W Wong

SRM UNIVERSITY, Chennai, INDIA

Degree: Bachelor of technology (B.Tech)

Specialization: Mechanical Engineering

Expected Year of Graduation June 2008 CGPA: 9.29/10

Academic Achievement Award in Department, Merit Scholarship

AREA OF INTEREST

Internal Combustion Engine | Manufacturing Engineering | Auto Design | Process planning, Nanotechnology

SOFTWARE SKILLS

Programming : Object-Oriented(c and c++)
Operating System (Windows-XP&Vista)

Web Design : HTML, Adobe Photoshop

Mechanical Tool & CAD : AutoCAD, Solid Works, Catia

PROJECTS AND TRAINING UNDERTAKEN

- 1) Upper Sindh Hydrel Power Plant, Ganderbal, J& K, India
During this training, I was exposed to the various stages of generation in the plant along with the assembly and maintenance of the turbine and the auxiliary mechanical devices, July 2005
- 2) Underwent "Transmission Electron Microscopy" training at Massachusetts Institute of Technology, May 2008.
- 3) Successfully completed Chemical Hygiene training at MIT, Boston, USA.
- 4) Successfully completed Managing Hazardous waste at MIT, Boston, USA

AWARDS AND ACHIEVEMENT

- 1) Secured a CGPA of 9.29 and am presently ranked 2nd in the Class.
- 2) SRM UNIVERSITY Merit scholarship, 2006-2007
- 3) Won first prize "ADZAP" at a national level symposium held at Rajiv Gandhi College of Engineering, Pondicherry, India
- 4) Received a fee waiver for one semester under student exchange program
- 5) NEESF talent exam "21" rank

INTERNATIONAL PAPER PRESENTATION AND CONFERENCES

- 1) Implementation and application hurdles of robotics when miniaturized', this was presented at IATED INTED 2008, 4th March Valencia, Spain

CO-CURRICULAR ACTIVITIES

- 1) Cross-country run district level
- 2) Exploring and understanding Technology
- 3) Fitness & Sport, Listening to music, skiing etc.

RESPONSIBILITIES UNDERTAKEN

- 1) Collected funds for Help age India
- 2) Volunteered for the national youth festival held at SRM University

REFERENCES

1) Dr Victor W Wong

Mechanical Engineering (MIT)

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2) D.kingsly jeba singh

Dean of School Of Mechanical Engineering

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3) Alexander G Sappok

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