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### Education

- 1) Bachelor of Engineering in Mechanical Engineering - 1999-2003  
RCET, Madurai Kamaraj University, TamilNadu, India.
- 2) Master of Science in Mechanical Engineering – 2005-2006  
National University of Singapore
- 3) Doctor of Philosophy, Mechanical Engineering - Jan.2008 onwards  
Modelling of transport phenomena in energy systems  
National University of Singapore

### Work Experience

- 1) Graduate Engineer Trainee – 2003-2004  
TVS Cherry Pvt. Ltd., Madurai, TamilNadu, India.
- 2) Trainee Engineer – Quality, 2004-2005  
Indo-US MIMTec Pvt. Ltd., Hoskote, Bangalore, India.
- 3) Piping Engineer – 2007-2008  
JGC Singapore Pte. Ltd., Singapore.

### Computer Skill

Language : C  
Packages : AutoCAD, Pro-E, Fluent

### Research area

Transport phenomena in batteries and fuel cells, Computational fluid dynamics

### Academic Achievement

Research scholarship awarded for Doctor of Philosophy from National University of Singapore from Jan.2008 onwards

### Projects done

Undergraduate:

Comparison of Characteristics Performance of IC Engines employing petrol and Methanol blended petrol

Postgraduate:

- 1) **Convective heat transfer** - Impinging jet heat transfer using Fluent
- 2) **Flow systems analysis** – Pressure surge analysis in a water pumping system in different operating conditions.

## Contact

**1) Prof. A.S. Mujumdar**

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