

NAME: SHEK MOHAMMAD ATIQUIRE RAHMAN
Mailing Address: Research Scholar (PhD), Thermal Division, Mechanical Dept.
National University of Singapore
E-mail: g0403604@nus.edu.sg shek_rahman@yahoo.com
Tel: 65-68742256(office)



EDUCATION:

- **Bachelor of Science** in Mechanical Engineering, Sept.1997
Bangladesh University of Engineering & Technology (BUET)
- **Master of Engineering** in Solar and Heat pump drying, Jun 26, 2003
National University of Singapore.
- **Doctor of Philosophy** in Freeze Drying. Candidate, January 2005 onwards
National University of Singapore.

WORK EXPERIENCE:

- **Assistant Engineer** (May 8, 1998 to November 8, 1998), Coca Cola,
Company Ltd .Alekha, Camilla, Bangladesh.
- **Lecturer** (November 8, 1998- July 17, 2003)
Bangladesh Institute of Technology, Chittagong, Bangladesh.
- **Assistant Professor** (July 18, 2003- to date)
Chittagong University of Engineering and Technology.
- **Successfully completed a workshop** on drying in Vietnam-2002

ACADEMIC ACHIEVEMENT:

- **Research Scholarship for Doctor of Philosophy** from National University of Singapore start
from January, 2005.
- **Research Scholarship for Master of Engineering** from National University of Singapore
started from Jun 26, 2001.
- **Scholarship from Bangladesh University of Engineering and Technology (BUET)** for good
academic results.
- **Bangladesh Education Board Scholarship** for good result in SSC, HSC.

RESEARCH AREA:

Drying, Solar Energy, Heat and Mass Transfer, Computational fluid Dynamics.

PUBLICATIONS:

Journal paper:

- A simulation and experiment with a Solar Assisted Heat-Pump Dryer and Water Heater, Applied
Energy-2003; vol. 74; pp 185-193.

Conference Paper:

1. Design and fabrication of a solar water heating system. BSME-January, 2004. Bangladesh.

2. A solar assisted heat pump dryer and water heater. Proceedings of the International Symposium on Renewable Energy. Kuala Lumpur-2003. Malaysia.
3. Performance evaluation of a solar assisted heat pump drying system. BSME-ASME January, 2003. Bangladesh.
4. Economic Evaluation of a solar assisted heat pump drying system. BSME- January, 2004. Bangladesh.
5. Performance of evaporator collector and air collector in a solar assisted heat pump dryer Congress-2003, Sweden.
6. Design and manufacture of a sand blaster. BSME-1999,Bangladesh.