

Tanweer Alam



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Assistant Professor

M.Tech (Thermal Science), Aligarh Muslim University (A.M.U),
Aligarh

Ph: +91-326-2296638

Fax: +91-326-2296563(O)

tanweer.amu@gmail.com

Research Areas

: Clad failure analysis, Heat transfer, Refrigeration and Air
Conditioning

Educational Qualification:

B. Tech. in Mechanical Engineering, Aligarh Muslim University
(A.M.U), Aligarh, 2002.

M.Tech in Thermal Science, Aligarh Muslim University (A.M.U),
Aligarh, 2004.

Ph. D (Pursuing) in Mechanical Engineering from Indian Institute
of Technology Patna.

Professional Experience

: Assistant Professor, Indian School of Mines, Dhanbad since
December 2011.

Lecturer, Maulana Azad College of Engineering and Technology,
Patna, Bihar from February 2007 to July 2009.

Senior Engineer, R&D Section, Sanden Vikas Pvt. India Limited,
Faridabad, Haryana from July 2006 to January 2007.

Member of Professional Bodies

: Student Membership of American Society of Testing Materials
(ASTM).

Teaching

: **ISM Dhanbad:**

MMR 14101: Mechanical Engineering II

MMC 12102: Engineering Graphics

MMC 14201: Mechanical Engineering Lab II

MMC 16911: Seminar

Maulana Azad College of Engineering and Technology, Patna:

Heat and Mass Transfer

Thermodynamics

Fluid Mechanics

Engineering Mechanics

Heat and Mass Transfer Laboratory

Fluid Machinery Laboratory

Publications:Journal Publications:

Alam,T., Khan,M.K., Pathak,M., Ravi,K., Singh, R. and Gupta,S.K., 2011. A
Review on the Clad Failure Studies, Nuclear Engineering and Design, 241(9), pp.
3658-3677.

Alam, T., Ansari, F. A., 2011, Experimental Investigation of Heat and mass Transfer of Unpeeled and Peeled off Food Produce in Forced Air Cooling Condition, Submitted to Energy Conversion and Management Journal (Under Review).

Conference Publications:

Ansari, F. A., Hamid, M., **Alam, T.,** Hassan, M. A., Experimental and Numerical Investigation of Heat and Mass Transfer during Cooling of Fruits, National Conference on Advances in Mechanical Engineering (ECKAME-2006), March 18-19, 2006, Engineering College, Kota, Rajasthan

Workshop/Short Term Course:

Participated in the International Workshop on “**Recent Trends in Flow Visualization**” at IIT Roorkee during December 29-31, 2009.

Participated in National Symposium on “**Ethics in Science and Technology**” at Patna Women’s College, Patna University on 22nd August, 2009.

Participated in the Summer School Course on “**Harnessing Renewable Energy: State-of-the-art**” sponsored by MHRD, Govt. of India/AICTE at NIT Patna during June 16-29, 2008.