



Sharif Uddin, Ph.D.
Senior Process Engineer
Food Systems Design, Inc.
(4/6/09– Present)

CAREER EXPERIENCE:

Degreed professional engineer with over 8 years of experience in design, development, installation and maintenance of high-speed continuous production systems. Overall experience in new product and process development, cleaning, and disinfecting in food processing industry, quality and safety of food product, conceptualization and formulating new product, irradiation, thermal treatments, chemical washing, water purification system, and steam pasteurization. Expertise in handling small and medium type industry from installation to repair and maintenance of dairy and gummy bear plant machinery, boiler, refrigeration plant, HVAC, compressed air systems, nitrogen plant, generators, transformers, submersible pumps, etc. Thorough understanding of TQM, QCC, ISO, SPC, integrated farming and management, inventory, warehouse, logistic management and materials handling, purchasing and vendor management. He has proficiency in Data Acquisition systems, Instrumentation and Controls, PLC Programming, Sensor and Embedded Systems, Safety, Metal fabrication process, rubber and plastic injection molding, maintenance management and project planning, lean manufacturing process, Six Sigma, and EPA standards.

PROFESSIONAL POSITIONS:

Food Systems Design, Inc. - Senior Process Engineer
AMEC – Senior Process Engineer (2008-2009)
Supplement Sciences, Inc. – Process Engineering Manager (2006-2008)
Wallaby Yogurt Company, CA – Engineering Manager (2005-2006)
Bangladesh-German Dairy Project – Government of Bangladesh –
Dairy Eng./Engineering Mgr. (1993-1997)

TEACHING EXPERIENCE:

Kansas State University- Manhattan, Kansas

- Instrumentation and Control for Biological Systems (Spring '02 & '03)
- Measurement Systems (Graduate Course, Fall '01 & '02)

Siridhorn International Institute of Technology- Bangkok, Thailand
Instructor, Mechanical Engineering Department, May '98-October '99

EDUCATION:

Kansas State University, Manhattan, Kansas
Ph.D. in Biological and Agricultural Engineering (2005)
Graduate Certificate in Real Time Embedded System Design (2002)
Computer and Information Science Department
Asian Institute of Technology, Bangkok, Thailand
Master of Engineering (ME) in Agricultural and Food Engineering (1999)
Bangladesh Institute of Technology (BIT), Khulna, Bangladesh
B. Sc. In Mechanical Engineering (1991)

MEMBERSHIP:

American Society of Mechanical Engineers (ASME)
American Society of Agricultural Engineers (ASAE)
Institute of Nanotechnology (ION)