

**Jointly Supervised M.Eng./Ph.D. Students (2002-present)  
Outside ME Department at NUS**

**Professor Arun S. Mujumdar  
Department of Mechanical Engineering, NUS**

<b>Professor/University</b>	<b>Name of Student/ Degree</b>	<b>Thesis Topic</b>
Professor Zhang Min Head of Agricultural Process Lab Southern Yangtze University 214036 Wuxi, China Tel. 0086-510-5869543 <a href="mailto:min@wxuli.edu.cn">min@wxuli.edu.cn</a>	Ms. Xu Yanyang, Ph.D., SYU	Mechanism and technology of combined air and freeze drying for selected fruits
Professor Zhang Min Head of Agricultural Process Lab Southern Yangtze University 214036 Wuxi, China Tel. 0086-510-5869543 <a href="mailto:min@wxuli.edu.cn">min@wxuli.edu.cn</a>	Ms. Fan Liuping, Ph.D., SYU	Heat & mass transfer in vacuum frying of mushrooms
Professor Zhang Min Head of Agricultural Process Lab Southern Yangtze University 214036 Wuxi, China Tel. 0086-510-5869543 <a href="mailto:min@wxuli.edu.cn">min@wxuli.edu.cn</a>	Ms. Wang Yuanfeng, Ph.D., SYU	Transport phenomena in air drying combined with microwave drying of some vegetables
Dr. Bhaskar N. Thorat UDCT University of Mumbai Matunga Road Mumbai 600019, India <a href="mailto:bnt@udct.ernet.in">bnt@udct.ernet.in</a>	Sachin B. Gaikwad, M.Eng. Chemical Eng. University of Mumbai	Microwave assisted fluidised bed drying
Dr. Bhaskar N. Thorat UDCT University of Mumbai Matunga Road Mumbai 600019, India <a href="mailto:bnt@udct.ernet.in">bnt@udct.ernet.in</a>	Chetan D. Amborkar, M.Eng. Chemical Eng. University of Mumbai	Hydrodynamics of fluidised bed drying – design consideration
Dr. Bhaskar N. Thorat UDCT University of Mumbai Matunga Road Mumbai 600019, India <a href="mailto:bnt@udct.ernet.in">bnt@udct.ernet.in</a>	Ms. Bhavna V. More, M.Eng. Chemical Eng., University of Mumbai	Solar drying in post harvesting – osmotic dehydration

Dr. Sakamon Devahastin Department of Food Engineering King Mongkut's University of Technology Thonburi Bangkok, Thailand <a href="mailto:sakamon.dev@kmutt.ac.th">sakamon.dev@kmutt.ac.th</a>	Ms. Peamsuk Suvarnakuta, Ph.D., Food Eng., KMUTT	Low-pressure superheated steam drying of food products
Dr. Guohua Chen Dept. Chemical Eng. HKUST Clearwater Bay, Kowloon Hong Kong <a href="mailto:KECHENGH@usthk.ust.hk">KECHENGH@usthk.ust.hk</a>	Wang, W., Ph.D., Chemical Eng., HKUST	Fluidized-bed drying of heat sensitive porous material with microwave heating
Dr. M.B. Ray Dept. Chemical and Environmental Eng., NUS <a href="mailto:Cheraym@nus.edu.sg">Cheraym@nus.edu.sg</a>	Ms. Shi Yuling, Ph.D. Chemical Eng., NUS	Heat transfer under single phase and gas particle impinging jets
Dr. M.B. Ray Dept. Chemical and Environmental Eng., NUS <a href="mailto:Cheraym@nus.edu.sg">Cheraym@nus.edu.sg</a>	Mr. Mukesh Goel, M.Eng., Chemical Eng. NUS	Ultrasonically enhanced decomposition of organic contaminants
Dr. Conrad Perera Dept. of Food Science, NUS <a href="mailto:chmpco@nus.edu.sg">chmpco@nus.edu.sg</a>	Ng, F.L., M.Sc., Food Science, NUS	The effect of moisture content on the conversion of ergosterol to Vitamin D in Shiitake mushrooms