

WORKSHOP ON EXTRUSION :

Technology and Practices in Food, Agricultural, and Material Application

|| NOVEMBER 22-25, 2016 || FACULTY OF APPLIED SCIENCE, KMUTNB ||

|| PROGRAM TOPICS ||

Lecture:

- Introduction to extrusion technology and applications
- Ingredient response to high shear and temperature (changes and melt characteristics and functionality)
- Operation and process variables in food and feed extrusion
- Analytical techniques for testing extruded products: Food and feed
- Advanced instrumental analysis
- Extrusion applications and characteristics
- Key components in a co-rotating twin-screw extruder, screw geometry and selection



Practical lab course and observations:

- Lab scale extruder (Single screw Brabender)
- Physical measurement of raw material/ finished product
- Extrusion of biopolymer
- Injection molding and testing: Impact test, Tensile test, Flexural test



|| HIGHLIGHTED SPEAKERS ||



Assoc.Prof.Dr.Buddhi Lamsal
Food Science and Human Nutrition
Iowa State University, USA



Mr.Dave Laycock
Dave Laycock Enterprises
Singapore



Assoc.Prof.Dr.Vilai Rungsardthong
Food and Agro-Industrial Research Center
KMUTNB, Thailand

|| CONTACT US ||

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|| REGISTRATION FEES ||

(includes VAT, lunch, refreshment and training materials)

- * Lecture session only: THB 4,000
- * Lecture and Workshop: THB 6,000

Registration Deadline: November 5, 2016