



AMIR IZZWAN ZAMRI

Dr.

EDUCATION



Dip (ITM)



BSc.(UPM)



PhD. (Reading)

CONTACT

Office : +(609) 668 4962
Mobile : +(019) 508 1551
Fax : +(609) 668 4949
e-mail : amir@umt.edu.my

EXPERTISE

Field

Food Technology

Expertise

Food Processing

Specialization

Food Product Development
Food Processing

RESEARCH CONTRIBUTION & ACHIEVEMENT

My research interest is focused on the changes during food processing. Development of new food product and rheological changes during food processing. This field of research required detail understanding of how the raw material interact with each other in order to produce wholesome and nutritious food. Many factor could influence the outcome of the process and procedure used in this field. Specific parameter are analysed in order to predict the interaction or outcome. It is important to determine the dynamic of the raw materials and process as it will interact or response differently sometimes synergistically or antagonistically between each other. This approach is important in order to predict the outcome of the process in which will produce a better product. This research is important in providing solution to processing and product troubleshooting in the food industries which has been a key loophole in most medium scale industries. Other that it will enable the industries to improve and expand their application and production to a better and higher scale. Apart from that my other interested includes experimental development of chitosan from crustacean and the optimisation of the process parameter. The chitosan produced can be utilised in the clarification of juices and other purposes. Other interest also includes the utilization of Lactic acid bacteria (LAB) isolated and purified from honey in producing products such as cheese and other related products. This will enable the utilisation of native LAB and decrease the dependency on the LAB imported to be used in food production. All the interest is mostly geared towards helping the community and industries in enhancing the food production.



NETWORKING & RESEARCH COLLABORATION

- 🕒 University of Reading, UK
- 🕒 Prince of Songkhla University, Thailand

PUBLICATION

- 🕒 Scopus ID : 3-3239-9805
- 🕒 Researchgate : Amir Izzwan Zamri
- 🕒 Google Scholar : Amir izzwan Zamri