

## Nexus of Expertise: Capital Building

### Training & Consultation:

Training on laboratory facilities  
Training on laboratory equipment/ laboratory setup  
Training on Halal certification, awareness, halal executive, halal internal audit  
Training on halal science  
Student and industrial internship program  
Training on laboratory safety, GLP, and laboratory accreditation  
Collaboration with government agency, GLC and industry  
Training on food safety (GMP, HACCP, MESTI)  
Proven halal test kit (RTK)  
Training on applied food technology  
R&D / Contract Research for Halal Bioproduct development  
Advisory & Facilitation to obtain JAKIM Halal Certification  
Halal & GMP Cosmetics production (OEM)  
Halal & GMP Herbal product extraction (OEM)  
Training (Awareness, Technical or Customized Advanced training)  
Consultancy for food hygiene & safety  
Lab to pilot scale contract production of biotechnology product via fermentation technology for food and food ingredients  
R&D / Contract Research for bioprocess products  
R&D / Contract Research for Food product development  
Training & short courses (Fundamental application)  
R&D /Contract Research on Waste Conversion and Waste Management  
Training & consultation on Wastewater Treatment Facility  
Training & consultation on Animal Feed R&D and production  
Training & consultation on Aquaculture R&D and production  
Training & consultation on Biosensor for agriculture  
Training & consultation on Plant tissue culture for crops  
Training & consultation on Field Trials  
Training & consultation on Agricultural crop formulation and production (biofertilizer, biopesticide)  
Training & consultation on Improvement of soil quality  
Training & consultation on tissue culture development  
Training & consultation on tissue culture technology licensing  
Herbal technology centre on upstream to downstream of traditional and herbal product development  
Training & consultation on herbal technology development  
Consultation on Packaging (GMP and Halal facility)  
Consultation on Herbal (phytopharmaceuticals) production family  
Consultation on herbal product registration with National Pharmacy Regulatory Agency  
Consultation on Drug design: Fragment based & quantitative structure activity relationship (QSAR)  
Training & consultation on plant and insect species identification and authentication through DNA approach  
Training & consultation on Timber tracking and verification of geographical  
Training & consultation on Origin of Chengal, Ramin, Kempas, Meranti, Bukit and Karas through DNA approach  
Hands on training on DNA sequencing

