University Research & Innovation, Entrepreneurship and University-Industry Relations

Brunei Darussalam

Dr Mohd Ayub Sadiq (AVC / VP, UBD)
Dr Pg Emeroylariffion Abas (D/ Director)

Office of AVC Innovation & Enterprise
Universiti Brunei Darussalam
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QUICK FACTS

Est. 1985

298

34

100

Total Staff 500

International Staff 51%

Total Number of Students 5000

International Students 21%
Academic Faculties

APB  Academy of Brunei Studies
C3L  Centre for Lifelong Learning
FASS Faculty of Arts and Social Sciences
UBDSBE UBD School of Business and Economics
FOS  Faculty of Science
FIT  Faculty of Integrated Technologies
IPS  Institute of Policy Studies
SHBIE Sultan Hassanal Bolkiah Institute of Education
PAPRSB Institute of Health Sciences

Research Institutes

CAMES  Centre for Advanced Material and Energy Sciences
CARe  Centre for Advanced Research
IADA Institute of Applied Data and Analytics
IAS  Institute of Asian Studies
IBER Institute for Biodiversity and Environmental Research
ILIA Institute for Leadership, Innovation and Advancement
SOASCIS Sultan Omar 'Ali Saifuddien Centre for Islamic Studies
Research Strategy in UBD

- **Biodiversity Research** - To contribute towards sustainable use and conservation of tropical biodiversity and ecosystems

- **Energy Research** - To create a low carbon society in Brunei

- **Asian Studies** - To develop insight into key issues of importance in Asia

- **Islamic Studies** - To be a key hub for Islamic knowledge and multidisciplinary research

- **Data Analytics** - To become the focal point for Big Data Analytics in the region
UBD’s FIVE STRATEGIC GOALS
(2016 – 2020)

STRATEGIC GOAL 1:
Nurture Innovation and
Translate into Enterprise
Innovation & Enterprise

Research & Projects
• Especially Industry-based research
• Industry-based projects
• Industries including Ministries, SMEs, NGOs, Community

Innovation
• Tech transfer process ➔ Enterprise
  • IP process
  • Prototype development
  • Marketing
  • More research, improvement
  • Licensing
  • Business model and Start-ups

Enterprise
• Funding for start-ups (Angel, VC, etc.)
• Social Enterprise

Industry-engagement

Tech-transfer and commercialization process
Innovation & Enterprise

Research & Projects

Innovation

Enterprise

Startup / spin-off

Industry-engagement

Tech-transfer and commercialization process
Innovation & Enterprise

Research & Projects

Industry-engagement

- Industry visits/Engagements
- MoU/MoA
- 9 MoU/MoA/engagements
- Consultancy research (2 in 2017, 4 in 2018)

Innovation

- Number of IP (esp. patents)
- 58 filed (US 34)
- 23 granted (US 15)

Enterprise

- Startup / spin-off
- 1 startup (research-based)
- 178 students' start-ups (EV, non-research-based)

Tech-transfer and commercialization process
Innovation & Enterprise

1. Industry engagement strategies
   - Industry visits/Engagements
   - MoU/MoA

2. Improving tech-transfer and commercialization process
   - Number of IP (esp. patents)

3. Improving IE culture in UBD
   - Startup / spin-off
1. Industry Engagement Strategies

1. Research and Development
2. Access to our patents
3. Teaching and Learning
4. Joint CSR
5. Services

Our granted patents & expert directory are online.

http://innovation.ubd.edu.bn/patents
https://expert.ubd.edu.bn/
Some potentials for commercialisable...

- 58 patents filed (including 34 US patents)
- 23 patents granted (including 15 US patents)

http://innovation.ubd.edu.bn/patents
https://expert.ubd.edu.bn/
2. Improving tech-transfer and commercialization process

• IP Policy document *(2nd revision)*

• Commercialization framework *(IP, Prototype Development, Industry collaboration/Startup, Licensing procedure, Monitoring/Measurement/Manage return)* – *(revising)*

• Patent Management process – commercialisable patents *(improving the process)*
3. Improving Innovation and Enterprise Culture in UBD & in Brunei

- Monthly Sharing sessions (available resources)
- Quarterly newsletter – with educational information or updates
- IPR and Entrepreneurship modules (every semester)
- Discovery Year: Incubation (every semester)
- UBD-FPT Innovation lab (every semester)

https://innovation.ubd.edu.bn/fptubd
3. Improving Innovation and Enterprise Culture in UBD & in Brunei

- Innovation Wharf website
  [https://innovation.ubd.edu.bn/iw](https://innovation.ubd.edu.bn/iw)
- Innovation Wharf (Physical - in library)
- Co-working space (more spaces ...)
- UBD-TISC (Technology Innovation Support Centre)
  – more training opportunities (officiate Sept 2019)
UBD – University of Innovation and Enterprise

Improving IE Culture in UBD

Through UBD-TISC, EV & Co-Working Space

Improving IE in Brunei Darussalam

International / Regional
ASEAN IE, ASEAN IPOs, Digital Platform (AUTM, IPI)
Thank you very much.