

The Transformation of Collection Development and It's Impact: Perspective from Library and Academic Office UMPSA Southeast Asia Libraries of the Future Summit 2024, "Building the Library of Tomorrow: Sustainable Innovations for a

Resilient Future" At G Hotel Gurney in Penang, Malaysia



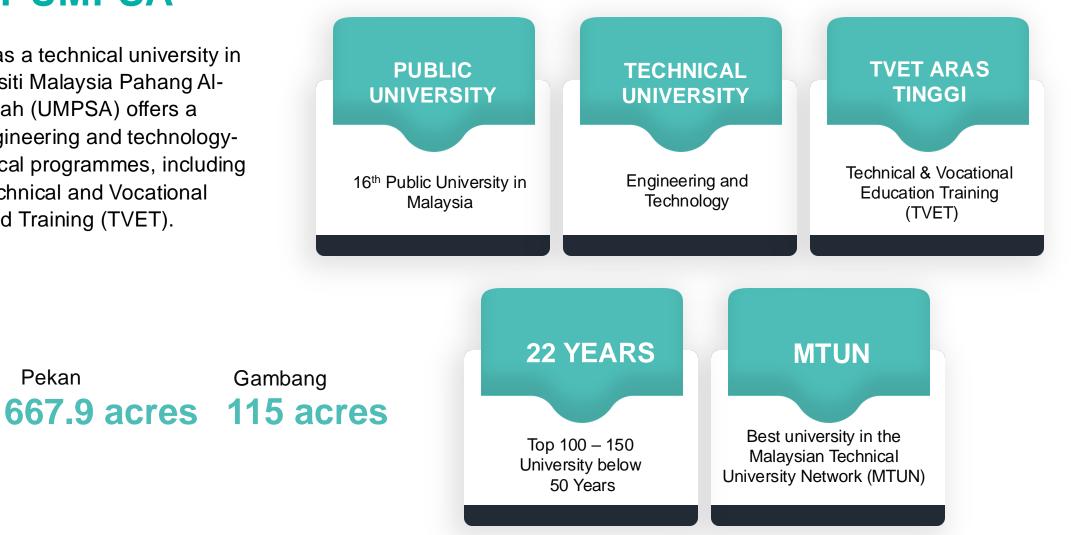


ABOUT UMPSA

Established as a technical university in 2002, Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA) offers a variety of engineering and technologybased technical programmes, including high-level Technical and Vocational Education and Training (TVET).

Pekan

CONTRACTOR CONTRACTOR



Source: Slaid Korporat UMPSA

2





A Distinguished Technological University

MISSION

We provide world class education, research and services in an ecosystem of creative and innovative engineering and technology to maximize human potential for societal good.

SLOGAN

Teknologi Untuk Masyarakat Technology for Society



FACULTY / CENTRE / INSTITUTE



UMPSA PEKAN		UMPSA GAMBANG	
 Faculty of Electrical and Electronics Engineering Technology Faculty of Manufacturing and Mechatronic Engineering Technology Faculty of Mechanical and Automotive Engineering Technology Faculty of Computing 	FACULTY	 Faculty of Chemical and Process Engineering Technology Faculty of Civil Engineering Technology Faculty of Industrial Sciences and Technology Faculty of Industrial Management 	
1. Centre for Modern Languages	CENTRE	 Centre for Mathematical Sciences Centre for Human Sciences 	
1. Confucius Institute	INSTITUTE	1. Institute of Postgraduate Studies	





UMPSA ACHIEVEMENT



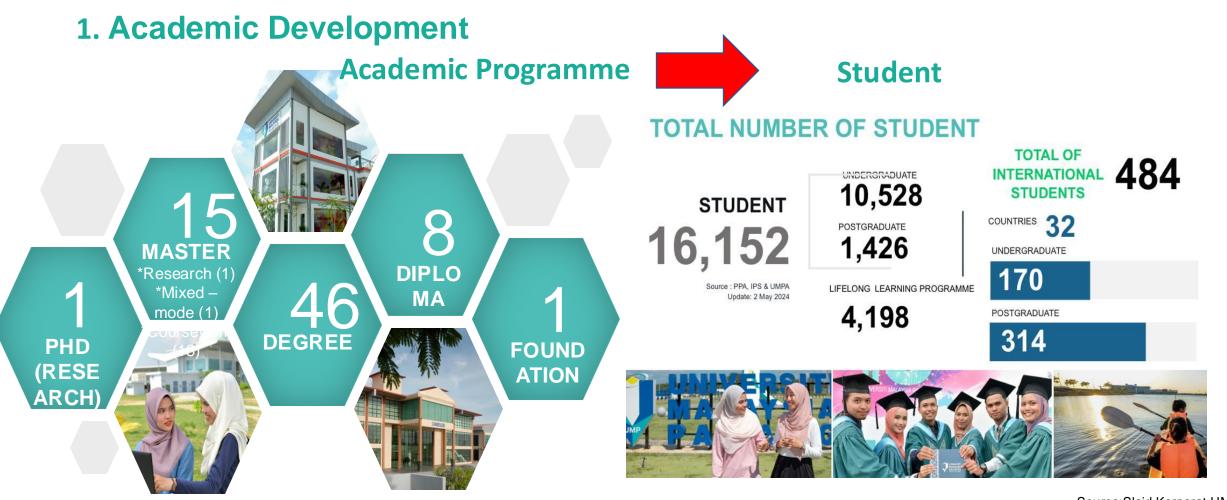
USNews



Source: Slaid Korporat UMPS/

FACTORS FOR TRANSFORMATION





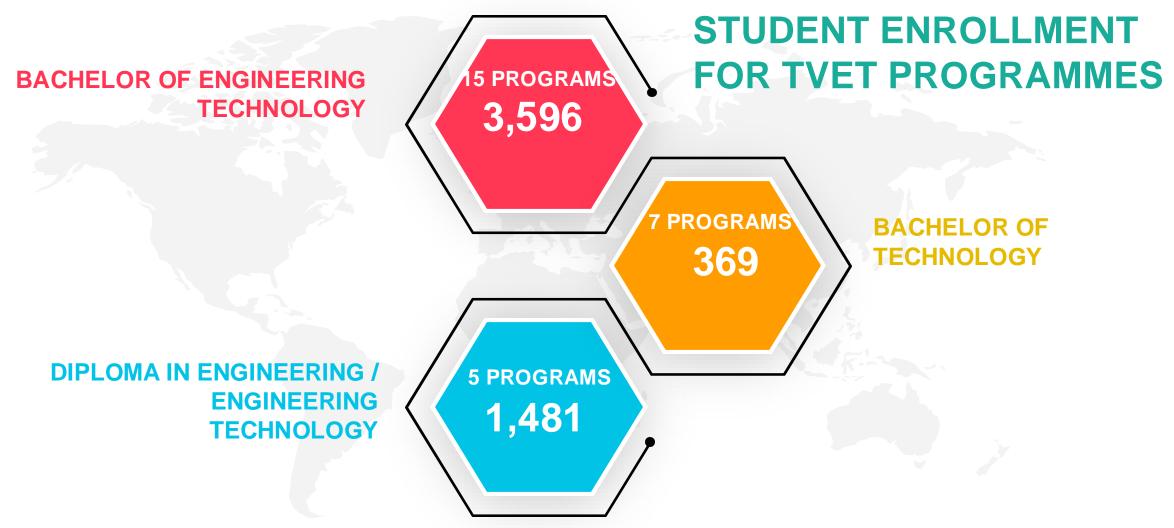
Based on Academic Session 2021/2022



Source:Slaid Korporat UMPSA

2. TVET EMPOWERMENT

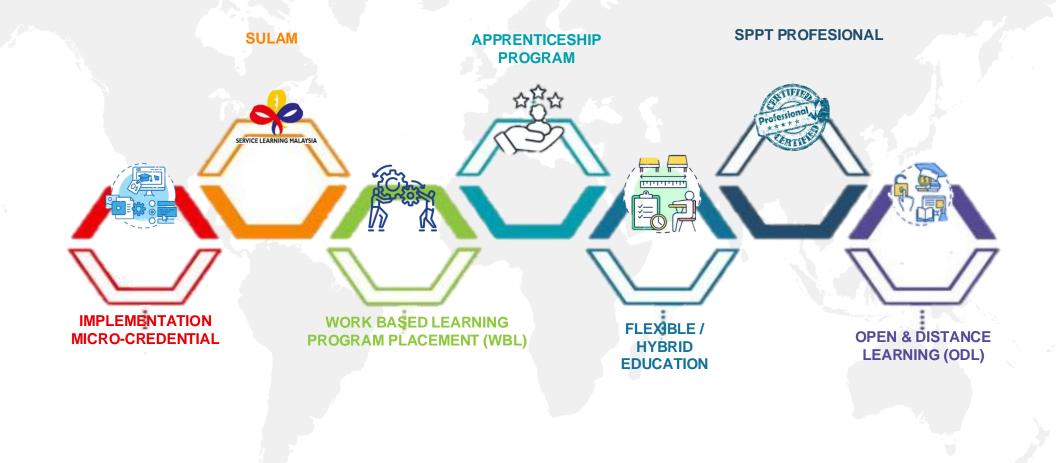




3. FLEXIBLE EDUCATION

USNews





Source:Slaid Korporat UMPSA

4. UMPSA SMART CAMPUS





UMPSA SMART CAMPUS IMPLEMENTATION



5G Coverage





99% Wifi Coverage **Residential Areas**



Smart Operations Center

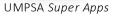


Wi-Fi Access Point Each Room in the Student Residence



HIGH IMPACT PROJECTS

Virtual Desktop Infrastructure (VDI)



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EXTENSION OF IMPLEMENTATION TO **SMART CITIES**



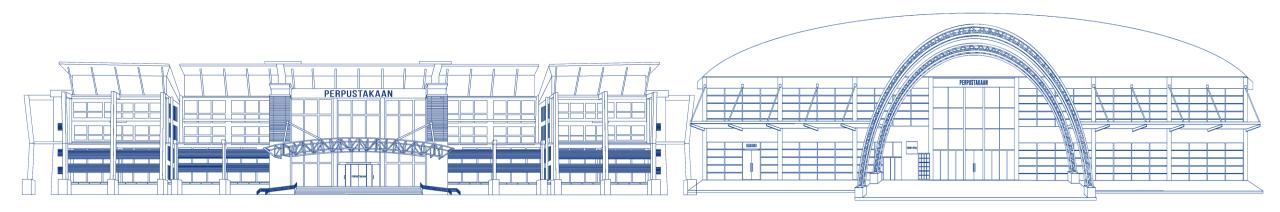
SMART CITIES

Source: Slaid Korporat UMPSA





UMPSA LIBRARY PERSPECTIVES: COLLECTION DEVELOPMENT (EBOOK)







12

EVOLUTION OF UMPSA LIBRARY

PERPUSTAKAAN UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH

30 MEI 2002



PUSAT SUMBER, UTM-KCP

- Beroperasi di Indera Mahkota, Kuantan.
- o Rumah berkembar double- o Berkeluasan 1,758 m2. storey yang diubah suai.
- o Memuatkan 50 orang pengguna dalam satu masa.

CONTRACTOR CONTRA

24 APRIL 2003



KNOWLEDGE MANAGEMENT CENTER(KMC)

- o Berpindahke Bandar MEC, Gambang.
- Menampung 300 orang pengguna dalam satu masa.



12 JANUARI 2009

Berpindahke

- bangunan2 tingkat. o Berkeluasan 6,400 m2.
- Mampumenampung 1,250 orang pengguna dalam satu masa.



- o Berkeluasan 16,000 m2.
- o Menampung 3,000
- orang pengguna dalam satu masa.

Sumber gambar: Koleksi Unit Media, Perpustakaan dan koleksi peribadi

https://library.umpsa.edu.my/index.php/en/

1 MAC 2010



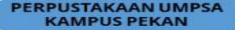


- o Berkeluasan 390 m2.
- Memuatkan 120 orang pengguna dalam satu masa.

10 JANUARI 2012

PERPUSTAKAAN UMP. KAMPUS PEKAN

14 APRIL 2023

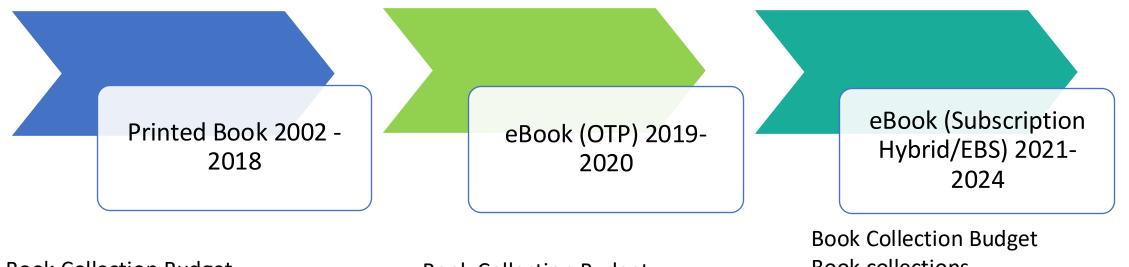




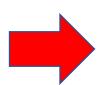
UNIVERSITI MALAYSIA PAHANO AL-SULTAN ABDULLAH

TRANSFORMATION OF COLLECTION DEVELOPMENT (EBOOK) IN UMPSA LIBRARY

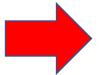




Book Collection Budget Book Collection – 80K+ printed copies



Book Collection Budget Book Collections -2k+ eBook (OTP only) 181 printed book

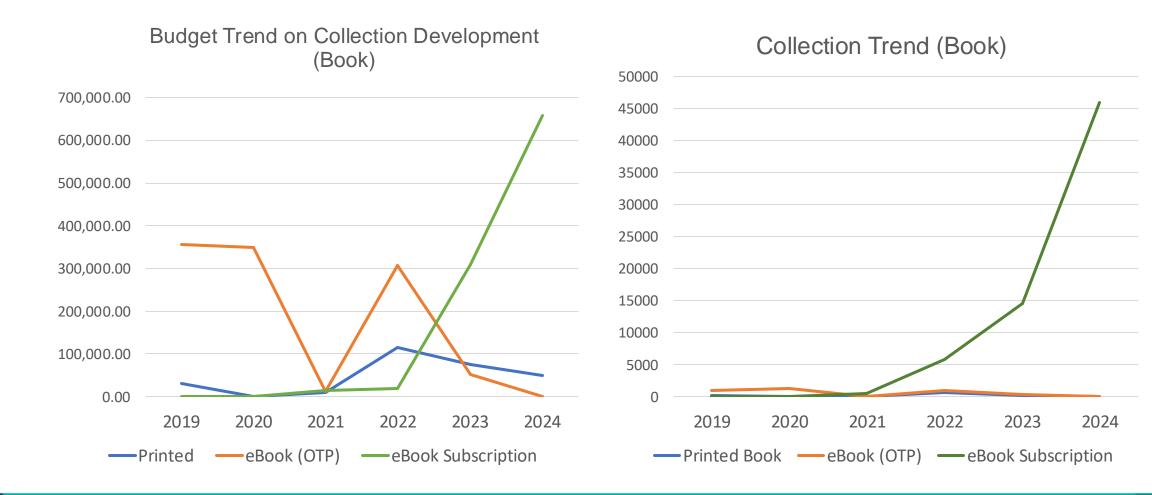


Book collection Budget Book collections-1k+ Titles printed book 1k+ Titles eBook (OTP) 67K+ Titles eBooks subscription Model subscription and Hybrid EBS Platform – Access Engineering, Cengage Knovel, ScienceDirect Focus Hybrid eBook





UMPSA LIBRARY BUDGET VS COLLECTION





EBOOK IMPACT TO UMPSA LIBRARY

Budget Format: Using Electronic Vs Printed book Model: One Time Purchase (OTP), Subscription or Hybrid (EBS)



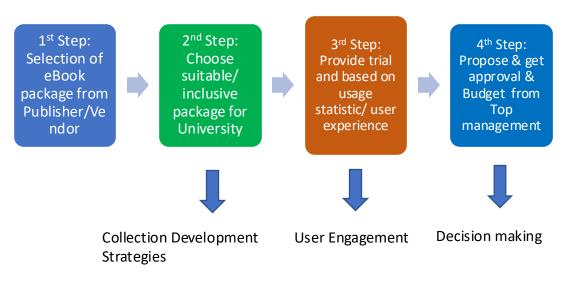
EBOOK IMPACT TO UMPSA LIBRARY



1. Data Driven Decision Making

2. Accessibility

 Assist to optimize our collection (eBook) based on user preference and usage pattern.

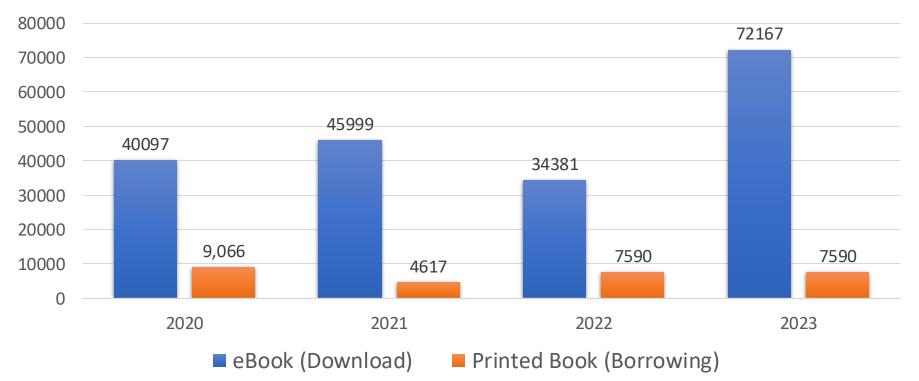


- Focusing on providing **diverse** and **inclusive collection** to meet user needs.
- Overcome the **limitation** of printed book in term of cost, copy, format, version, location.
- User friendly searching mode with AI feature.
- **Shortcut** in getting/ accessing the materials compared to accessing printed book.
- Access 24/7 at any where.





eBook Usage vs Printed Book (Borrowing)





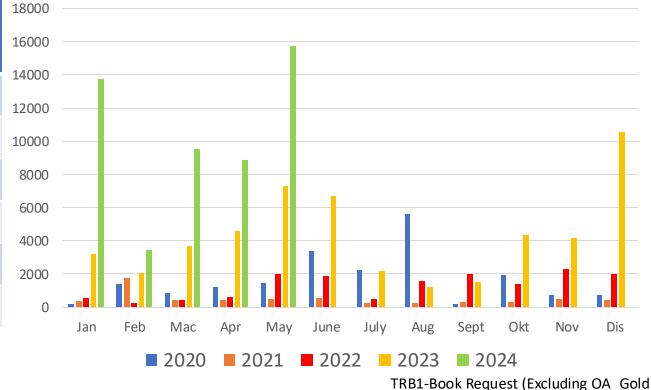


ScienceDirect eBook Collection Vs Usage

ScienceDirect eBook Collection

Year	Hybrid EBS Subscription & Gift MOHE (Titles)	Perpetual (Cumulative Titles)
2019	175 + <mark>111</mark>	286
2020	87	373
2021	2	375
2022	5370 (106)	481
2023	10,754 (184)	665
2024	43,680 (?)	In Progress

Usage Statistic ScienceDirect eBook





ScienceDirect Focus Hybrid Collection

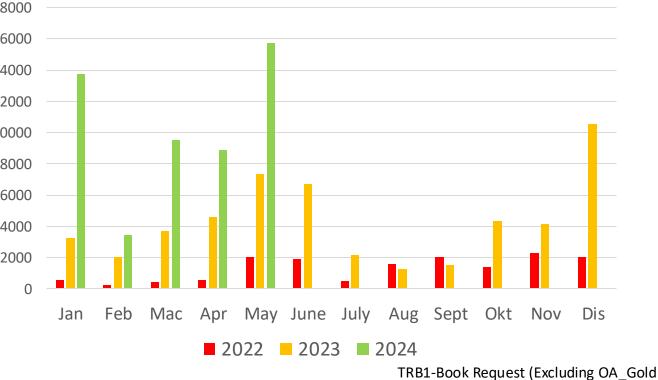
Elsevier eBook Collection (EBS Model)

Year	Package	Titles	
2022	Focus Hybrid- 1 subject Collection Engineering	5370 (106)	18 16 14
2023	Focus Hybrid- 4 subject Collection Engineering Chemical Engineering Materials Science Energy	10,574 (184)	12) 10) 8) 6) 4) 2)
2024	All Access Hybrid- 19 subject Collection	43,680	

TEKNOLOGI UMPSAMalaysia

STARS

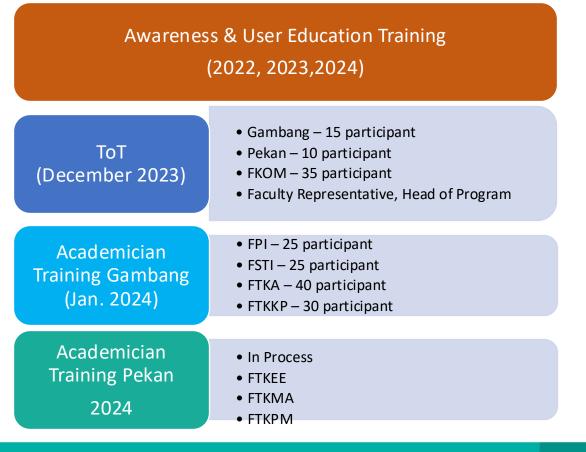
Usage ScienceDirect eBook- Focus Collection Hybrid



EBOOK IMPACT TO UMPSA LIBRARY

- **3. Collaborate with Academician & Academic Office on Course Outline Initiative**
- We recommend ScienceDirect eBook to become reference in course outline.
- We work closely with faculties and Academic office to adopt eBook as the programme course outline.
- We conduct user training for academician with the support of Elsevier at the faculty to assist and expose them on how to adopt eBook as their programme course outline.

User Education Activity





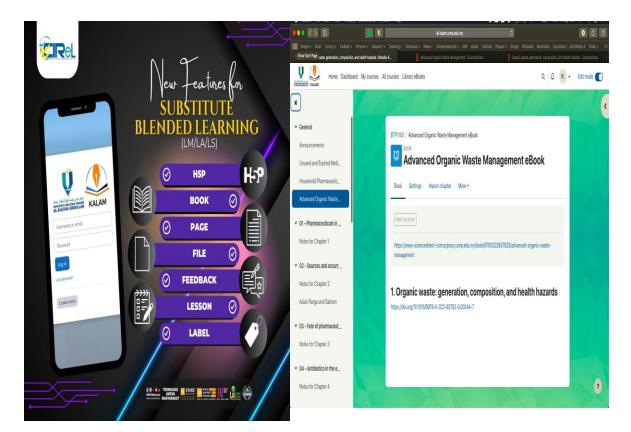
EBOOK IMPACT TO UMPSA LIBRARY



4. Integration eBook into Learning Management system

- Engage user by integrating eBook into UMPSA LMS (KALAM)
- Provide direct access to relevant eBooks within course materials enhances the learning experience for user (academician and student) to support academic success.
- Providing guidance to faculty and embed all type of eBook can be used as reference in their course outline.

Example KALAM (LMS)

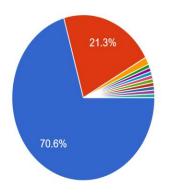


ScienceDirect EBOOK SURVEY (April 2024)





How do you know about ScienceDirect eBook platform? 136 responses

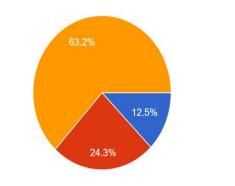


- UMPSA Library (includes Portal, User...
- Faculty Representative
- Been using ScienceDirect eBook for s...
- training
- Elservier
- PSPe

▲ 1/2 **▼**

- Email from Pejabat TNC (Akademik &...
- ▲ 1/2 ▼

What is your purpose of using ScienceDirect eBook? 152 responses

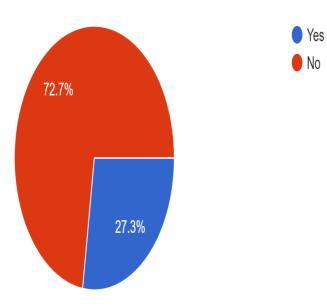




ScienceDirect EBOOK SURVEY (April 2024)



Do you use ScienceDirect eBook as a reference in your course outline? 139 responses



Program

BTC/BTB BTG3233Rotating Equipment BSK1153 Analytical Chemistry BTD3123 FINITE ELEMENT ANALYSIS, , BTD3243 STRESS ANALYSIS BTD3342 FATIGUE DESIGN & ANALYSIS BPS3213 BTD BTK & BTO

BTD (FTKMA) BVE2415 Electrical machines & Drives System integration

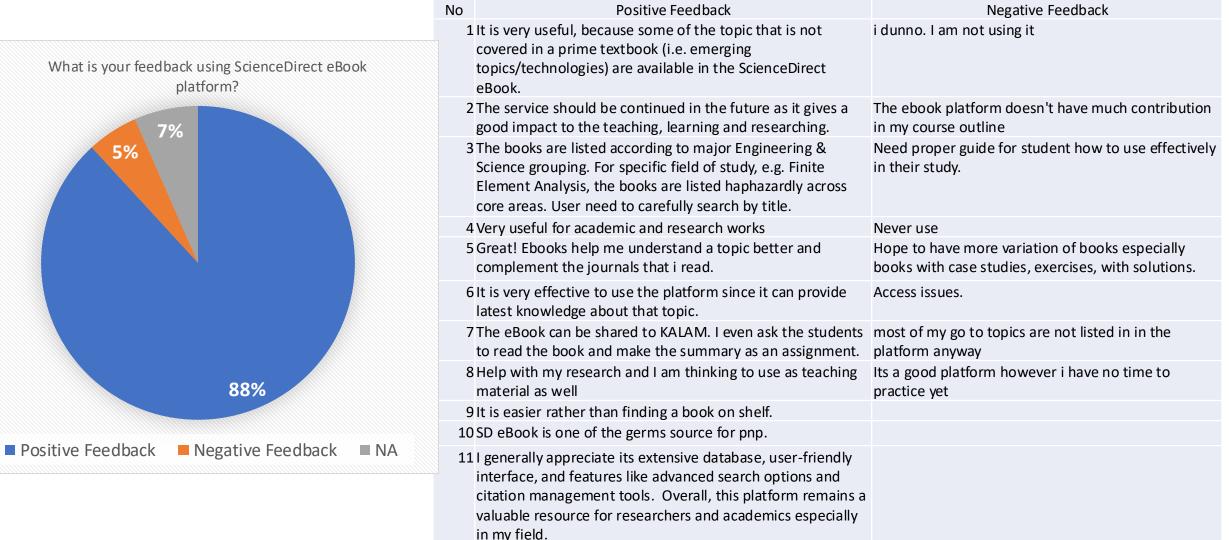
BCS3233 Software Testing and Final Year Project Bsk3523 oleochemistry BAA

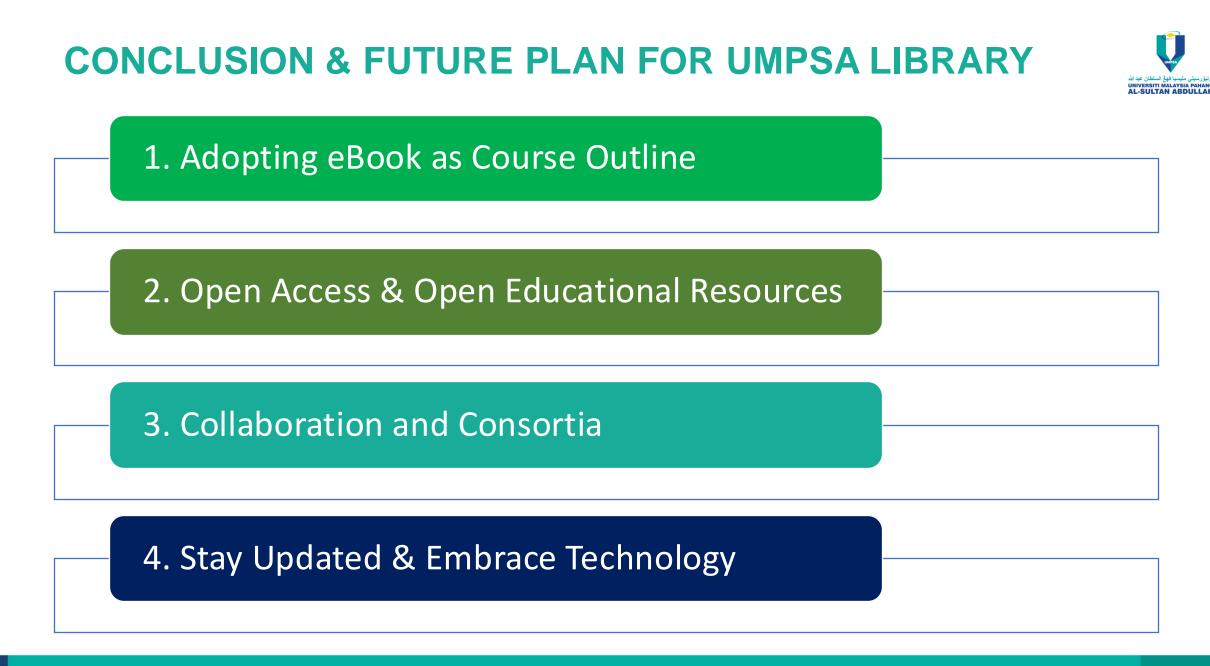
Subject

Introduction to Pharmaceutics Industrial Biotechnology Heat Transfer & Mechanical Design Industrial Biotechnology Program occupational safety and health **Environmental Chemistry** Spatial Science Engineering Nondestructive testing, failure analysis Autodesk Inventor Simulation Process Synthesis and Chemical Reaction Engineering Chemical engineering technology Process Control & Dynamic for Bachelor of Chemical Engineering programme **Business Analytics Engineering Materials** Introduction to human behavior, psychology in Ouran and Sunnah Material Technology Programme **Control System** Materials Technology

ScienceDirect EBOOK SURVEY (April 2024)











THANK YOU

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