

KURSUS PENGURUSAN SISTEM DMS

HASLINA HUSSIN

PUSTAKAWAN KANAN | UNIT REPOSITORI & DOKUMEN DIGITAL

29 MEI 2023 | ISNIN | MAKMAL PENCARIAN MAKLUMAT, ARAS 4, BANGUNAN PRZS





T E N T A T I F

8.15 AM

➤ **PENDAFTARAN**

8.30 – 10.00 AM

➤ **K.A.I BAHAGIAN 2023**

- PENDEPOSITAN BAHAN KE SISTEM DMS

➤ **DMS-VALET**

- MODUL SUBMITTER
- MODUL APPROVER

10.00 – 10.30 : MINUM PAGI

10.30 AM – 1.00 PM

➤ **DMS-VITAL**

- PERANAN SUBMITTER & APPROVER

➤ **DASAR & POLISI**

- PENGURUSAN DOKUMEN DIGITAL

1.00 – 2.00 : REHAT

2.00 – 5.00 PM

➤ **LATIHAN PENGISIAN DATA**

- DMS – KOLEKSI GALERI
- DMS – KOLEKSI KHAS





K.A.I 2023

KEY AMAL INDICATOR

■ PRZS & PSZJB

- Unit Pembangunan Koleksi Khas
- Unit Repositori & Dokumen Digital
- Unit Pembangunan Galeri

■ PSZKL

- Unit Katalog & Dokumen Digital
- Unit Galeri
- Unit Pengurusan Maklumat Dan Sokongan Penyelidikan

K.A.I BAHAGIAN 2023

Strategic Objective 2	Enculturate University Institutional Knowledge and Heritage OD : Preserving, conserving and disseminating university's intellectual knowledge as heritage and reference for the global community	ST4	Transformative Life Experiences through Knowledge Empowerment and Trust
		SP 6	Provide sustainable campus experience to UTM's students, staff and surrounding community



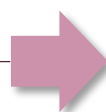
K.A.I BAHAGIAN 2023

NO	CLUSTER/PROGRAM	HIGH IMPACT RESULTS	YEARLY TARGET 2023				DESIRED SUCCESS 2023	ROLLOUT INITIATIVES	LEAD / IMPLEMENTING PTJS, FACULTIES
			Q1	Q2	Q3	Q4			
1.	Strengthening of University Institutional Knowledge Repositories	1. % of UTM digital collection deposited in UTM Repositories	30% 20.7 %	30%	30%	10%	10,800 files	To increase percentage item deposited to UTM Repositories Collaborations with 'PTJ', Faculty etc. Budget: None	Library HASLINA H SKR - 85% (9,670) URD (8830) UPKK (350) SGL - 5% (50) SBSKL- 10% (1,080)



K.A.I BAHAGIAN 2023

**10,800
REKOD**

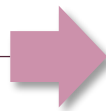


DMS

➤ **6,000 REKOD**

➤ **MELIBATKAN 3 LOKASI PUTM**

- **PSZJB @ 0.8%** : SEKSYEN GALERI → 50 REKOD
- **PRZS @ 81.2%** : SEKSYEN KOLEKSI KHAS & REPOSITORI → 4,870 REKOD
 - ✓ **URD @ 92.8% - 4,520 REKOD**
 - ✓ **KK @ 7.2% - 350 REKOD**
- **PSZKL @ 18%** : SEKSYEN PEMBANGUNAN SUMBER → 1,080 REKOD



UTM-IR

➤ **4,800 REKOD**

➤ **MELIBATKAN UNIT REPOSITORI & DOKUMEN DIGITAL SAHAJA**



K.A.I BAHAGIAN 2023

#1

Pengiraan data statistik untuk menjawab kepada K.A.I Bahagian 2023 mengambil kira faktor berikut :

- Hanya rekod yang **telah diluluskan oleh Pustakawan sahaja** akan dikira sebagai jumlah pencapaian untuk dilaporkan.



K.A.I BAHAGIAN 2023

BAHAGIAN 1 : SISTEM DMS																	
BULAN	JAN	FEB	MAC	1st Q	APR	MEI	JUN	2nd Q	JUL	OGOS	SEPT	3rd Q	OKT	NOV	DIS	4th Q	JUMLAH
A	PERPUSTAKAAN RAJA ZARITH SOFIAH, UTMJB																
URD	488	377	202	1,067	172			172				0				0	1,239
UGK/URK	0	0	0	0				0				0				0	0
JUMLAH	488	377	202	1,067	172	0	0	172	0	0	0	0	0	0	0	0	1,239
B	PERPUSTAKAAN SULTANAH ZANARIAH, UTMJB																
UBG	0	0	0	0				0				0				0	0
JUMLAH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	PERPUSTAKAAN SULTANAH ZANARIAH, UTMKL																
PSZKL	0	0	5	5				0				0				0	5
JUMLAH	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
JUMLAH KESELURUHAN	488	377	207	1,072	172	0	0	172	0	0	0	0	0	0	0	0	1,244

URL GD : https://docs.google.com/spreadsheets/d/1GxIMpca6NQd_9Im-ZXj0stotmTN4GgYd/edit#gid=965858095



#2

- Jumlah pencapaian bagi setiap suku tahunan (Q1, Q2, Q3 & Q4) akan dilaporkan untuk pengiraan **Stok Perpustakaan** pada tahun semasa.
- **Pengiraan Stok Perpustakaan** ini hanya melibatkan rekod yang telah disahkan di laman repositori berikut sahaja :
 - i. **Open Repository**
 - ii. **Restricted Repository**
 - iii. **Preserved Repository**



STOK PERPUSTAKAAN UTM

File Edit View Insert Format Data Tools Extensions Help

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Calibri

11

B I

A

H75

	A	B	C	D	E	F	G	H	I	J	K
1	STOK PERPUSTAKAAN UTM										
2	TAHUN 2021										
3	KEMASKINI: SBK/HN/060220				*PERHATIAN: SILA MASUKKAN [0] (ANGKA KOSONG) JIKA TIADA DATA UNTUK TEMPOH BERKAIT						
4		PERKARA			SEHINGGA 2022		JAN-MAC 2023		APR-JUN 2023		
5					J	N	J	N	J	N	J
6											
60	6	UTM INSTITUTIONAL REPOSITORY (UTM-IR)			64,771	64,771	1,254	1,254			
	7	DOCUMENT MANAGEMENT SYSTEM (DMS)			142,850	142,850	1,072	1,072			
62	8	UTM MULTIMEDIA COLLECTION (MMC)			4,583	4,583	1,256	1,256			
63	9	LAIN-LAIN									
64		8.1	SIJIL BIASA		1	1					
65		8.2	SIJIL KOLEKSI KHAS		68	113					
66		8.3	FOTOGRAF/GAMBAR		96	13,104					
67		8.4	GAMBAR POSTER		36	769	0				
68		8.5	KAD		0	2,417					
69		8.6	KERATAN AKHBAR		496	496					
70		8.7	MESIN		68	68	0				
71		JUMLAH			765	16,968	0	0	0	0	
72		JUMLAH KESELURUHAN			22,810,462	23,891,727	843,734	844,166	0	0	
73	*	Tahun mula langganan									
74	**	Judul diambil kira dari tahun 2012									
75											

2023

2022

2021

2020

2019

2018

PNM-BAHA



#3

Ketua Unit perlu memastikan semua senarai rekod di DMS-VALET disemak dan diluluskan.

- Jumlah rekod yang banyak pada setiap laman repositori akan memberi kesan kepada tahap kelajuan akses di sistem ini.





DMS-VALET

URL : <http://dms.library.utm.my>





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UTM Library DMS

VALET Submit Form

UTM Library Staff only

Select One ▼ Go

VALET Review Form

UTM Library Staff only

Select One ▼ Go

Akses ke **DMS-VITAL**

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#1

- ✓ Platform untuk Pembantu Pustakawan melaksanakan tugas semakan rekod, menginput metadata, mendeposit fail, serta peranan Pustakawan memadam dan mengesah rekod.



#2

✓ Mengandung 2 bahagian utama :

- i. **VALET Submit Form** → modul kerja untuk **Pembantu Pustakawan**
- ii. **VALET Review Form** → modul kerja untuk **Pustakawan**



#3

- ✓ **Valet Submit Form** dan **Valet Review Form**, masing-masing mempunyai 4 pilihan laman :
 - i. Open Repository
 - ii. Restricted Repository
 - iii. Preserved Repository
 - iv. Online Data & ILL



#4

- ✓ Pilihan setiap laman memerlukan pengguna sistem memasukkan **Username** dan **Password**.



Login ke VALET Submit
Form

**VALET RESTRICTED REPOSITORY
(Submission Login)**

Click [here](#) to logout of the Submit process.

Instructions

In order to submit a Resources you must be authenticated. Enter your *Username* and *Password* below and press *Login* to enter the Resource Submission process.

Username:

Password:

Login

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Login ke VALET Review
Form

**VALET RESTRICTED REPOSITORY (Reviewer
Login)**

Click [here](#) to logout of the Review process.

Instructions

In order to review submitted Resources you must be authenticated. Enter your *Username* and *Password* below and press *Login* to enter the Resource Review process.

Username:

Password:

Login

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#5

- ✓ Fungsi pencarian tidak terpapar pada antaramuka platform ini.
 - Untuk membuat pencarian rekod → **tekan serentak kekunci CTRL + F**





VALET RESTRICTED REPOSITORY (Review Stage)

Click [here](#) to logout of the Review process.

Instructions

Welcome Reviewer!

Below is a list of Resources for Stage haslinahussin of the Review Process.

You will be able to perform the following functions on each Resource:

- View/Modify Resource
- Approve Resource
- Delete Resource

To return to the list of stages click [here](#).

VALET ID #	Resource Type	Title	Creator	Year	Depositor	Access/Completeness
valet-20230510-150023 View/Modify Resource Approve Resource Delete Resource	Thesis Status:Completed	A hybrid effort estimation model for change request in ongoing software project	Haslina Md. Sarkan	2022	shafika	Closed Access/Complete
VALET ID #	Resource Type	Title	Creator	Year	Depositor	Access/Completeness
valet-20230510-144615 View/Modify Resource	Thesis Status:Completed	Life cycle cost risk calculator for green highway criteria	Muhammad Faiz Abd. Rahman	2023	fahmimoksen	Closed Access/Complete

122250
[View/Modify Resource](#)
[Approve Resource](#)
[Delete Resource](#)

supporting product design and development



valet-20230510-115053

1/1

^ v x

VALET ID #	Resource Type	Title	Creator	Year	Depositor	Access/Completeness
valet-20230510-12175 View/Modify Resource Approve Resource Delete Resource	Thesis Status:Completed	Ancillary revenue generation guideline for malaysian light rail transit operator through telecommunication services	Fazarizul Hashidi Muhamad Pauzi	2022	shafika	Closed Access/Complete
valet-20230510-120424 View/Modify Resource Approve Resource Delete Resource	Thesis Status:Completed	Electrophoretic deposition of hydroxyapatite on homogenized magnesium based alloy for biomedical applications	Sadiq Taoheed Olohunde	2022	zulraizam	Closed Access/Complete
valet-20230510-115053 View/Modify Resource Approve Resource Delete Resource	Thesis Status:Completed	A localised multiscale technique in boundary element method for acoustic wave model	Nor Afifah Hanim Zulkefli	2022	zulraizam	Closed Access/Complete



#6

- ✓ Fungsi memadam rekod yang **BELUM DISAHKAN** hanya boleh dilaksanakan oleh Pustakawan sahaja.



Instructions
Welcome Reviewer!

Below is a list of Resources for Stage haslinahussin of the Review Process.

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- View/Modify Resource
- Approve Resource
- Delete Resource

To return to the list of stages click [here](#).

VALET ID #	Resource Type	Title	Creator	Year	Depositor	Access/Completeness
valet-20230310-13381 View/Modify Resource Approve Resource Delete Resource	News Paper Cuttings Status:Completed	Malaysia Open Science Platform: A Dream or A Reality?	The Star	2023-10-23	shafika	Closed Access/Complete
valet-20230310-13315 View/Modify Resource Approve Resource Delete Resource	News Paper Cuttings Status:Completed	Universiti teknologi malaysia launched its campus sustainability blueprint 2023-2030 as a commitment in creating a sustainable campus culture	Universiti Teknologi Malaysia (UTM)	2023-03-08	shafika	Closed Access/Complete
valet-20230310-123832 View/Modify Resource Approve Resource Delete Resource	News Paper Cuttings Status:Completed	Johor sambut baik bank beri moratorium kepada mangsa banjir	Mohd. Khairul Mohd. Ali	2023-03-08	shafika	Closed Access/Complete

#7

- ✓ Proses pengesahan rekod oleh Pustakawan dilaksanakan melalui fungsi **VIEW/MODIFY RESOURCE** terlebih dahulu supaya semakan perincian memasukkan data dan fail oleh Pembantu Pustakawan disemak dengan teliti sebelum proses pengesahan dilaksanakan.
- ✓ Proses pengesahan rekod dilaksanakan mengikut laman (site) secara berasingan. Pustakawan perlu menyemak dan akses kepada setiap laman (site) untuk melaksana proses pengesahan.





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VALET Review Form

UTM Library Staff only

Select One ▼ Go

- Select One
- Open Repository
- Restricted Repository
- Preserved Repository
- Online Data & ILL
- ~~Restricted Repository P13~~
- ~~Restricted Repository P01~~
- ~~Restricted Repository P02~~

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website.



Instructions
Welcome Reviewer!

Below is a list of Resources for Stage haslinahussin of the Review Process.

You will be able to perform the following functions on each Resource:

- View/Modify Resource
- Approve Resource
- Delete Resource

To return to the list of stages click [here](#).

VALET ID #	Resource Type	Title	Creator	Year	Depositor	Access/Completeness
valet-20230310-13381 View/Modify Resource Approve Resource Delete Resource	News Paper Cuttings Status:Completed	Malaysia Open Science Platform: A Dream or A Reality?	The Star	2023-10-23	shafika	Closed Access/Complete
VALET ID #	Resource Type	Title	Creator	Year	Depositor	Access/Completeness
valet-20230310-13315 View/Modify Resource Approve Resource Delete Resource	News Paper Cuttings Status:Completed	Universiti teknologi malaysia launched its campus sustainability blueprint 2023-2030 as a commitment in creating a sustainable campus culture	Universiti Teknologi Malaysia (UTM)	2023-03-08	shafika	Closed Access/Complete
VALET ID #	Resource Type	Title	Creator	Year	Depositor	Access/Completeness
valet-20230310-123832 View/Modify Resource Approve Resource Delete Resource	News Paper Cuttings Status:Completed	Johor sambut baik bank beri moratorium kepada mangsa banjir	Mohd. Khairul Mohd. Ali	2023-03-08	shafika	Closed Access/Complete

#8

- ✓ Sekiranya **proses pengesahan telah dilaksanakan di DMS-VALET**, jika terdapat pindaan pada metadata atau fail lampiran, **proses kemaskini perlu dilaksanakan di DMS-VITAL**.



#9

- ✓ Terdapat **14 templat** pengisian metadata dan pendepositan fail untuk kegunaan staf mengikut fungsi & peranan masing-masing berdasarkan jenis bahan yang dikendalikan.



Instructions

You are about to begin the deposit process for PSZ Digital Repository. You will be asked to attach the file(s) you wish to deposit and then provide some information to describe them.

You will be presented with the following steps:

1. Information collection
 - About the files
 - Select a resource type
 - Additional information of the resource
2. Review/Change the information you entered.
3. Confirm submission.

Recommended to fill in fields are marked with an *.

About the files

Attach file(s)

Choose File

No file cho

Select resource type ...

Book

Book Chapter

Conference Papers

Journal Article

Research Report

Thesis

Exam Papers

News Paper Cuttings

Photograph/Relia/Multimedia

UTM Staff Profile

Indexed Paper [section c(a)]

Non-Index Paper [section c(d)]

Other Publication [section c(f)]

Online Database & ILL

Select resource type ...

help?

Description: -- Select One --

upload

File size

Description

No Files currently uploaded

Select resource type:

* Resource Type:

help?



#10

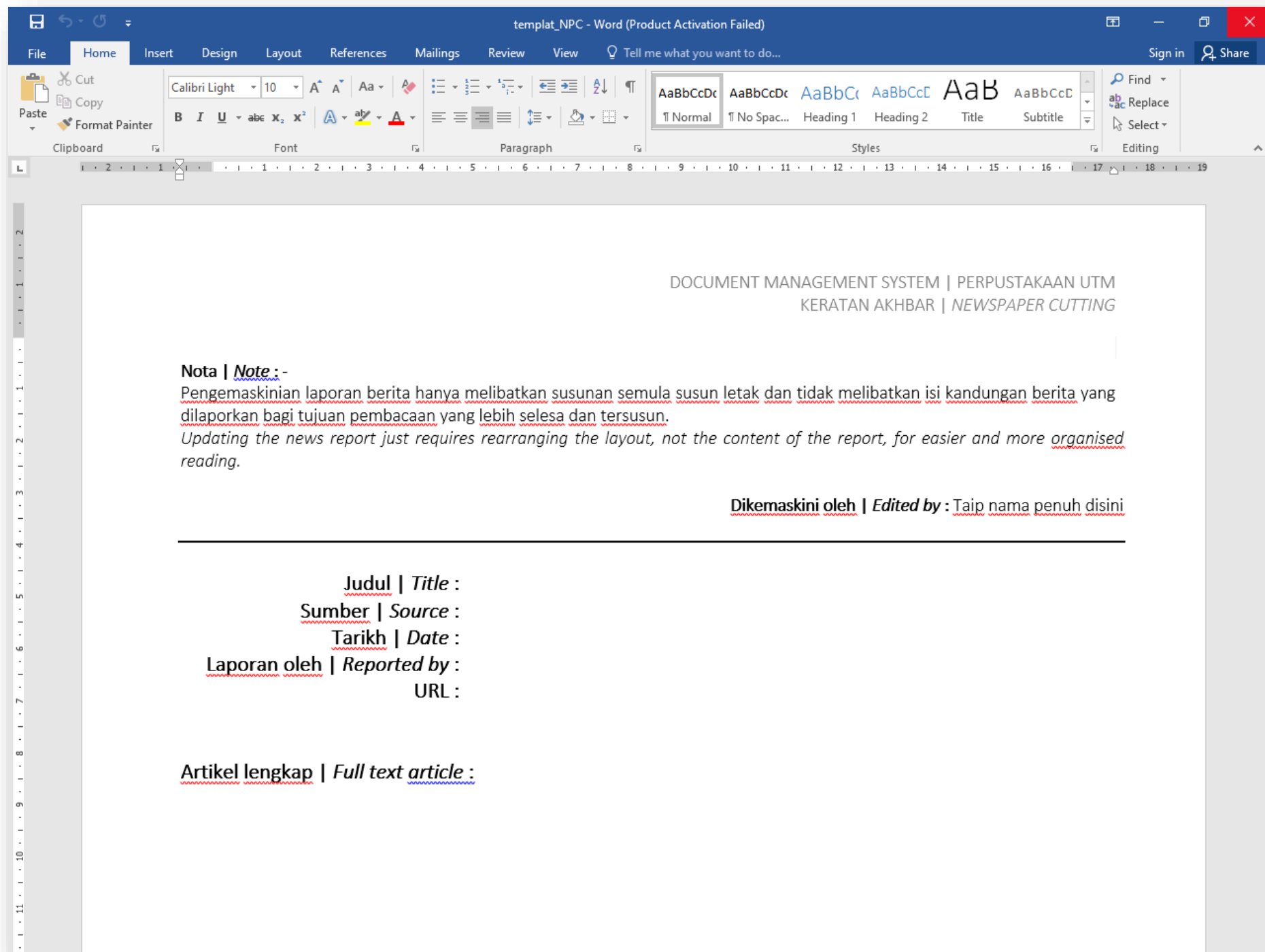
- ✓ **Setiap JUDUL** bahan yang ingin diinput ke dalam sistem DMS, **semakan duplikasi judul** mesti dilaksanakan di **DMS-Valet** dan **DMS-Vital**.
 - DMS-Valet : Untuk semakan judul bahan yang sedang dalam proses pengesahan.
 - DMS-Vital : Untuk semakan judul bahan yang telah disahkan ada dalam koleksi sistem DMS.
- ✓ Jika terdapat duplikasi judul yang sama dan format bahan yang sama, proses memadam rekod bahan perlu dilaksanakan.



#11

- ✓ **Bahan keratan akhbar** → Bagi bahan yang dimuatnaik dari sumber asal (portal berita), isi kandungan berita perlu dipindahkan ke format yang telah disediakan.
- ✓ Tujuan
 - Untuk pastikan berita tidak hilang apabila portal telah tidak aktif.
 - Gangguan iklan pada laman asal portal berita jika berita dimuat turun secara langsung dari laman berkenaan.
- ✓ Rujukan
 - **Panduan 22** : DMS-VALET : Panduan Mendeposit Bahan Keratan Akhbar | Senarai Subjek Keratan Akhbar | Templat Bahan Keratan Akhbar
 - URL : <https://library.utm.my/skr/PANDUAN/>





Nota | Note :-

Pengemaskinian laporan berita hanya melibatkan susunan semula susun letak dan tidak melibatkan isi kandungan berita yang dilaporkan bagi tujuan pembacaan yang lebih selesa dan tersusun.

Updating the news report just requires rearranging the layout, not the content of the report, for easier and more organised reading.

Dikemaskini oleh | Edited by : Nurul Shafika Hassan

Judul | Title : Dr Malar Santhi terima Anugerah Pekerja Contoh 2023

Sumber | Source : Berita Harian

Tarikh | Date : Mei 1, 2023 | 4:27pm

Laporan oleh | Reported by : Samadi Ahmad

URL : <https://www.bharian.com.my/berita/nasional/2023/05/1095873/dr-malar-santhi-terima-anugerah-pekerja-contoh-2023>

Artikel lengkap | Full text article :

PUTRAJAYA: Penerima Anugerah Pekerja Contoh pada Sambutan Hari Pekerja 2023, Dr Malar Santhi Santherasegapan, menganggap anugerah yang diterima sebagai pemangkin semangat untuk terus berkongsi tips kesihatan berguna kepada rakyat di negara ini.

Beliau berusia 40 tahun yang juga doktor di Jabatan Kecemasan Hospital Columbia Asia, Cheras, Selangor, beranggapan 'tugas' itu sebagai tanggungjawab sosial kepada rakyat khususnya dalam berkongsi tips kesihatan.

"Saya mahu terus berkongsi maklumat kesihatan kepada orang ramai dengan cara paling mudah, santai dan senang difahami menerusi media sosial.

"Kalau boleh saya nak kurangkan kesesakan di hospital dengan memberi ilmu serta tips kesihatan kepada orang ramai," katanya ketika ditemui pada Majlis Sambutan Hari Pekerja 2023 di Pusat Konvensyen Antarabangsa Putrajaya (PICC) di sini, hari ini.

Anugerah disampaikan Perdana Menteri, Datuk Seri Anwar Ibrahim.

Beliau yang juga mempengaruhi media sosial dengan watak utama di sebalik 'Celoteh Dr Malar' itu turut berterima kasih kepada kerajaan di atas penghargaan berkenaan.

"Saya juga berterima kasih kepada insan di sebalik Celoteh Dr Malar termasuk ibu bapa, suami serta dua pengurus," katanya.

Celoteh Dr Malar mendapat sambutan di semua platform media sosial terutama di Facebook dan TikTok serta dikenali ramai di sejak Mac 2020 selepas beliau aktif berkongsi tips mengenai COVID-19 dan vaksin.

Lebih menarik, perkongsian itu disampaikan dalam bahasa Melayu sekali gus menarik perhatian semua golongan masyarakat di negara ini selain disampaikan dengan cara yang lebih mudah difahami.

Dr Malar berkata, tindakan itu diambil selepas beliau sedar rakyat dahagakan maklumat kesihatan dalam Bahasa Melayu dan cara penyampaian yang lebih mudah.

Ketika ini, beliau banyak terbabit dalam aktiviti seminar kesihatan dan latihan berkenaan menjaga kesihatan mental.

Katanya, bidang utama adalah berkaitan kesihatan mental, penyakit kronik, kanser, kencing manis, darah tinggi dan penjagaan kesihatan wanita.

Anak kelahiran Kuantan, Pahang itu sebelum ini melanjutkan pengajian dalam Sarjana Pengurusan Pentadbiran dalam bidang Pengurusan Penjagaan Kesihatan di Universiti Teknologi Malaysia (UTM), serta boleh bertutur dalam bahasa Russia kerana pernah belajar di Universiti Perubatan Krimea (CSMU), Ukraine.



Perdana Menteri, Datuk Seri Anwar Ibrahim menyampaikan Anugerah Pekerja Contoh kepada Dr Malar Santhi Santherasegapan ketika Sambutan Hari Pekerja 2023 di Putrajaya. Turut kelihatan Timbalan Perdana Menteri, Datuk Seri Dr Ahmad Zahid Hamidi dan Menteri Sumber Manusia V Sivakumar. - Foto MOHD FADLI HAMZAH
Perdana Menteri, Datuk Seri Anwar Ibrahim menyampaikan Anugerah Pekerja Contoh kepada Dr Malar Santhi Santherasegapan ketika Sambutan Hari Pekerja 2023 di Putrajaya. Turut kelihatan Timbalan Perdana Menteri, Datuk Seri Dr Ahmad Zahid Hamidi dan Menteri Sumber Manusia V Sivakumar. - Foto MOHD FADLI HAMZAH

SUMBER ASAL



← → ↺ bharian.com.my/berita/nasional/2023/05/1095873/dr-malar-santhi-terima-anugerah-pekerja-contoh-2023

65 BH

Isnin, 15 Mei 2023, 2:26pm

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Dr Malar Santhi terima Anugerah Pekerja Contoh 2023

Oleh Samadi Ahmad - Mei 1, 2023 @ 4:27pm
bhnews@bh.com.my

WhatsApp Facebook Twitter LinkedIn +29



Dr Malar Santhi terima Anugerah Pekerja Contoh 2023

Watch later Share

BH TV

Watch on YouTube 0:00 / 1:24

PUTRAJAYA: Penerima Anugerah Pekerja Contoh pada Sambutan Hari Pekerja 2023, Dr Malar Santhi Santherasegapan, menganggap anugerah yang diterima sebagai pemangkin semangat untuk terus berkongsi tips kesihatan berguna kepada rakyat di negara ini.

Belliau berusia 40 tahun yang juga doktor di Jabatan Kecemasan Hospital Columbia Asia, Cheras, Selangor, beranggapan 'tugas' itu sebagai tanggungjawab sosial kepada rakyat khususnya dalam

TERKINI PILIHAN PEMBACA

- 4m Clare Rewcastle-Brown dijamin akan dapat perbicaraan adil
- 8m Perak di Kemboja petanda positif skuad e-sukan negara
- 19m HeiTech pasang sistem letak kereta untuk PROTON
- 26m Tiada lagi subsidi elektrik untuk rumah orang kaya
- 35m Mohd Shuhaily Ketua Polis Kuala Lumpur baharu
- 36m Pemimpin pembangkang Thailand, Pita dakwa menang, sedia jadi PM
- 39m JBL perkenal siri 'Sound Bar' paling terkini
- 50m 'Satu kehilangan yang cukup besar buat kami sekeluarga' - Faizal

Pengecualian bagi sumber berita yang diperolehi dalam format pdf atau jpeg dari paparan asal yang diimbas atau dimuat turun dengan reka letak seperti yang diterbitkan.

2 | NASIONAL

Gegaran lebih 6 magnitud hampiri kita

Pakar beri amaran agar Malaysia tingkatkan siap siaga hadapi gempa bumi

Oleh LIZA MOKHTAR SHAH ALAM

Di sebalik beberapa siri gempa bumi besar di Turkiye, Jepun dan Indonesia dalam tempoh dua bulan ini, pakar-pakar memberi amaran kepada rakyat Malaysia agar meningkatkan kesiapsiagaan dalam menghadapi bencana berkenaan.

Bahkan kata Ketua Penyelidik Kumpulan Penyelidikan Kejuruteraan Seismologi dan Gempa Bumi, Universiti Teknologi Malaysia (UTM), Profesor Dr Azlan Adnan, susulan siri gempa bumi yang berlaku baru-baru ini, rantau Asia Tenggara turut berisiko mengalami gempa skala besar, malah lebih besar daripada yang berlaku di Turkiye-Syria pada 6 Februari lalu.

"Melihat kepada *subduction zone* (garis sesar besar plat bumi yang bergerak secara pugak) di Sumatera misalnya boleh berlaku gempa kuat sehingga 9.5 magnitud."

"Bagi Malaysia pula, kawasan Semenanjung dijangkakan boleh berlaku gempa sehingga 6 magnitud sementara di Sabah boleh mencecah 7 magnitud," katanya lagi.

Azlan berkata, magnitud gempa bumi adalah bergantung kepada berapa panjang sesar aktif yang akan bergerak.

"Sesar sedia ada yang dipaparkan di peta geologi berkemungkinan sangat panjang, tetapi sesar yang aktif dan bergerak sahaja yang akan menentukan magnitud gempa yang di-

hasilkan," katanya.

Pun begitu katanya, gempa bumi besar di Turkiye baru-baru tidak memberi kesan terhadap Lingkaran Api Pasifik di Asia Tenggara yang menyebabkan negara berdepan dengan bencana itu.

"Gempa di Turkiye dan Syria tidak mempengaruhi berlakunya gempa di Malaysia tetapi gempa yang berlaku di Indonesia dan Jepun mampu mempengaruhi keaktifan Lingkaran Api Pasifik dan seterusnya menambah kemungkinan berlaku gempa di Malaysia," katanya.

Sehubungan itu katanya, sebagai persiapan menghadapi kemungkinan terjadi gempa bumi di Malaysia, Azlan mengutarakan beberapa cadangan langkah yang boleh diambil.

"Semua bangunan perlu melaksanakan reka bentuk kalis gempa bumi menggunakan panduan Standard Malaysia yang



AZLAN



FELIX

telah diterbitkan pada tahun 2017. Kedua, pembinaan bangunan harus mematuhi sepenuhnya syarat-syarat yang telah ditentukan oleh panduan tersebut.

"Seterusnya, bangunan yang telah dibina terutama yang lama dan yang penting seperti sekolah dan hospital, perlu dinilai semula kekuatannya sama ada boleh bertahan atau perlu dibaik pulih," katanya.

Plat bumi

Beliau turut menyarankan pihak berkuasa tempatan mengemukakan pematuhan undang-undang reka bentuk

gempa dan menghasilkan peta risiko gempa bumi bagi perancangan pembangunan pada masa akan datang dan persediaan untuk menghadapi bencana tersebut di kawasan mereka.

Sementara itu, Pakar Geologi Pusat Kajian Bencana Alam, Universiti Malaysia Sabah (UMS),

Profesor Dr Felix Tongkul menegaskan, kebanyakan gempa bumi kuat di Malaysia tertumpu di beberapa lokasi di Sabah.

"Hal ini disebabkan Sabah terletak pada plat bumi yang kurang stabil dan berdekatan dengan plat bumi tidak stabil dari Filipina," katanya.

Menurut beliau, situasi di Malaysia agak berlainan berbanding negara jiran di mana plet buminya secara relatif stabil kecuali di Sabah.

"Kejadian gempa bumi besar di Indonesia dan Filipina misalnya tidak menghasilkan pergerakan plat bumi yang signifikan untuk menghasilkan gempa bumi besar di Malaysia."

"Tetapi gempa bumi yang kuat dari Indonesia dan Filipina yang terletak berdekatan Sabah (misalnya di kawasan Laut Sulu atau Laut Sulawesi) boleh menentukan pergerakan bumi di Sabah yang mungkin akan menghasilkan gempa bumi besar," katanya lagi.

Tambahnya, antara kawasan yang paling tinggi risiko gempa bumi berlaku ialah seperti di Lahad Datu, Kunak, Ranau dan Kudat.

Kawasan yang sederhana bahaya gempa bumi berlaku di



Dua gempa bumi kuat yang menggempakan Turkiye pada 6 Februari lalu merosakkan lebih 84,000 bangunan.

Sekurang-kurangnya tujuh maut dan puluhan lagi cedera selepas gempa bumi 6.2 magnitud menggempakan Kepulauan Sumatera pada 25 Februari tahun lalu.

Semporna, Tawau, Kinabatangan, Sandakan, Beluran dan Pitas.

Perlu siap sedia

Sementara kawasan yang rendah bahaya gempa bumi adalah Kota Kinabalu, Tuaran, Kota Belud, Kota Marudu, Telupid dan Tongod.

Menurut Felix lagi, walaupun risiko gempa bumi besar di Malaysia tidak sehebat seperti di negara jiran yang aktif gempa, Malaysia perlu bersedia sekiranya berdepan gempa bumi kelak.

"Peningkatan kesedaran awam terhadap risiko gempa bumi serta persediaan sebelum, semasa dan selepas gempa bumi perlu dipergiatkan dan diadakan secara berterusan terutama pada komuniti yang terkesan di Sabah."

"Pada masa sama pematuhan kepada kod reka bentuk bangunan tahan gempa bumi sedia ada perlu dikuatkuasakan dan dipantau, terutama di kawasan berisiko tinggi," katanya.

Gempa berukuran 6 magnitud yang melanda Ranau, Sabah pada 5 Jun 2015 dengan 18 orang menjadi korban adalah gempa bumi terkuat pernah melanda negara.

PENTING!

- **Pemilihan laman (site) sebelum** memulakan aktiviti mengisi metadata & mendeposit fail.
- **Kesilapan memilih laman (site)** boleh menyebabkan penglibatan caj tambahan yang dikenakan oleh pihak pembekal sistem DMS kepada pihak PUTM.
- Turut melibatkan **pengemaskinian laman (site)** bagi rekod bahan **dari PRESERVED SITE ke RESTRICTED SITE** → contoh tesis sulit/terhad.





MINUM PAGI

10.00 – 10.30





DMS-VITAL

URL :-

[http://dms.library.utm.my:8080/vital/
access/manager/Index](http://dms.library.utm.my:8080/vital/access/manager/Index)





Welcome to UTM Library Document Management System DMS

Available for download



Articles



Thesis



Exam Papers



Newspaper
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Books



DOCUMENT MANAGEMENT SYSTEM - UTM LIBRARY

HOME

Document Management System is an institutional repository solution designed for universities, libraries, museums, archives, and information centers. Built on Fedora™, this software is designed to simplify the development of digital object repositories and to provide seamless online search and retrieval of information for administrative staff, contributing faculty, and end-users. Vital™ provides all types of institutions a way to broaden access to valuable resources that were once only available at a single location and to a finite number of patrons. By eliminating the traditional limitations information seekers encounter, this technology grants access to materials for all authorized end-users, from professional researchers to recreational learners.

#1

- ✓ Platfom pengguna sistem membuat pencarian bahan sama ada mengakses sistem DMS-Vital menggunakan login atau tidak.
- ✓ Platfom untuk Pembantu Pustakawan melaksanakan tugas mengemaskini rekod, serta peranan Pustakawan mengemaskini dan memadam rekod serta menjana pelaporan statistik.



#2

- ✓ Untuk aktiviti kemaskini, penjana laporan dan melihat kandungan teks penuh, memerlukan pengguna **LOGIN** ke sistem DMS-VITAL menggunakan **UTMID**.





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/ GlobalView ▾

Search



Browse ▾

Quick Collection 0

Sign In ▾



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Sign In

Please login with
UTMID.

User:

Password:

*Site

Restricted Repo ▾

[Link to UTMID](#)[Login](#)

#3

- ✓ Terdapat lima (5) pilihan laman untuk membantu pengguna membuat pencarian bahan di sistem ini.
 - Global view
 - Restricted Repository
 - Open Repository
 - ILL Repository
 - Preserved Repository





Change Site

GlobalView

Restricted Repository

Open Repository

ILL Repository

Preserved Repository

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HOME

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#4

- ✓ Untuk membuat pencarian bahan, **pemilihan laman yang tepat** adalah penting bagi memastikan pengguna **menemui hasil pencarian melalui laman yang betul**.





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GlobalView ▾

Iron nanoparticles synthesiz

Browse ▾

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Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi for catal...

- Atiqa Nadia Mohd. Mokhtar Faculty of Science, Mustaffa Shamsuddin, supervisor, Universiti Teknologi Malaysia, Faculty of Science

KERATAN ATAS

IMPAK 1 :
PENCARIAN JUDUL BAHAN
YANG SAMA,
MENGUNAKAN LAMAN
UMUM

Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi for catalytic degradation of organic dyes

- Atiqa Nadia Mohd. Mokhtar Faculty of Science, Mustaffa Shamsuddin, supervisor, Universiti Teknologi Malaysia, Faculty of Science

Object

KERATAN BAWAH

analysis showed that Fe NPs were mostly spherical and formed irregular aggregates with an average size of 14 nm. The reactivity of these Fe NPs was tested in the degradation of methylene blue and methyl orange dyes in aqueous solution in the presence of H₂O₂. The changes in concentrations of the dyes were monitored using UV-Vis spectroscopy. The degradation of the methylene blue and methyl orange obeyed a pseudo first order reaction with rate constants of 0.053 min⁻¹ and 0.047 min⁻¹, respectively. 100% degradation of both dyes was achieved within 1 hour either in the presence or in the absence of light

Description Thesis (Sarjana Sains (Kimia)) - Universiti Teknologi Malaysia, 2016
Description Also available in printed version
Format Unpublished, 89 p., Completion
Language ENG
Rights Closed Access, UTM, Complete
Identifier vital:114180, valet-20180830-081936
Contributor [zulaihi](#)
Site [Restricted Repository](#)



Hits: 22 Visitors: 13 Downloads: 4

Thumbnail

File

Description

Size

Format

ATTACHMENT01

Full Text

2 MB

Adobe Acrobat PDF

[View Details](#)

IMPAK 2 : PENCARIAN JUDUL BAHAN YANG SAMA, MENGGUNAKAN LAMAN YANG BERBEZA



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Restricted Repository

Iron nanoparticles synthesiz

Browse

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haslinahussin

Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi for catal...

- Atiqa Nadia Mohd. Mokhtar Faculty of Science, Mustaffa Shamsuddin, supervisor, Universiti Teknologi Malaysia, Faculty of Science

ReindexRemove

KERATAN ATAS

KERATAN BAWAH

Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi for catalytic degradation of organic dyes

- Atiqa Nadia Mohd. Mokhtar Faculty of Science, Mustaffa Shamsuddin, supervisor, Universiti Teknologi Malaysia, Faculty of Science

ReindexRemove

Object

Properties

Indexed Metadata

Relationship Editor

Thumbnail	File	Description	Size	Format	
☐ 	ATTACHMENT01	Full Text	2 MB	Adobe Acrobat PDF	View Details Download
☐ 	DC	DC	3 KB	XML Document	View Details Download
☐ 	FULLTEXT	Full Text of Source	97 KB	Text Document	View Details Download

IMPAK 3 : **PENCARIAN JUDUL BAHAN YANG SAMA, MENGGUNAKAN LAMAN YANG BERBEZA**

 / Open Repository ▾ Browse ▾ Quick Collection 0 haslinahussin ▾

No Results Found 



Sorted by Date ▾

↓¹/₉



No results were found that match your search

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#5

- ✓ **Kelemahan** sistem DMS-VITAL :
 - **TIADA INDIKATOR** yang membantu pengguna mengenalpasti laman untuk pencarian bahan yang dikategorikan oleh pihak PUTM.



#6

- ✓ Proses **penjanaan laporan dan statistik** oleh Pustakawan dilaksanakan melalui platform **DMS-VITAL**.
 - Administrative Reports
 - Statistics
- ✓ **Penjanaan** statistik melalui **REPORTING : STATISTICS** boleh dijana untuk **semua laman (site) kecuali GLOBAL VIEW** (permohonan kepada Pustakawan SAT).



REPORTING : ADMINISTRATIVE REPORTS

The screenshot displays the UTM Library Document Management System (DMS) interface. The top navigation bar is dark red and contains the UTM logo, the text "/ Restricted Repository", a search bar, and user information "haslinahussin". A sidebar on the left is dark grey and contains a menu with the following items: "Upload", "Manage", "Communities", "Reporting", "Administrative Reports", and "Statistics". Red arrows point to the "Reporting" and "Administrative Reports" items. The main content area has a light grey background and features a large banner with the text "UTM Library Document Management System" and "SOARING UPWARDS". Below the banner is a computer monitor displaying the system's interface. The bottom of the page has a dark grey footer with links for "English (United States)", "Disclaimer", "Privacy", "Copyright", "Contact", and "About UTM Library".

UTM / Restricted Repository

Search

Browse Quick Collection 0 haslinahussin

Upload

Manage

Communities

Reporting

Administrative Reports

Statistics

UTM Library Document Management System

SOARING UPWARDS

HOME

Document Management System is an institutional repository solution designed for universities, libraries, museums, archives, and information centers. Built on Fedora™, this software is designed to simplify the development of digital object repositories and to provide seamless online search and retrieval of information for administrative staff, contributing faculty, and end-users. Vital™ provides all types of institutions a way to broaden access to valuable resources that were once only available at a single location and to a finite number of patrons. By eliminating the traditional limitations information seekers encounter, this technology grants access to materials for all authorized end-users, from professional researchers to recreational learners.

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Search



Browse ▾

Quick Collection 0

haslinahussin ▾

Administrative Reports

Administrative Reports

+ Add



Report Name



Schedule

Run



07092022_preserved_list



✓ Untuk proses **menjana laporan baharu**, klik pada butang +ADD.





Create a New Report

☒ **Repository Report**

Report on the content in the repository using indexed search fields.

☐ **Statistics Report**

Report on the statistics preserved by the system.

☐ **Metadata Report**

Report on the metadata in the repository.

☐ **Disk Usage Report**

Report on the amount of disk space used by the digital content of each site.

☐ **Link Verification Report**

Report on dead links in the repository.

Continue 



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/ Restricted Repository ▾

Search



Browse ▾

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haslinahussin ▾

Administrative Reports

Administrative Reports

+ Add



Report Name



Schedule

Run



07092022_preserved_list



✓ Untuk proses **kemaskini laporan sedia ada**, klik pada REPORT NAME





Repository Report

Report Name *



07092022_preserved_list

Match



An ▾

Type ▾

thesis

Title ▾

Material D ▾

Creation C ▾

Contributo ▾

UTM / Restricted Repository Search Browse Quick Collection 0 haslinahussin

Administrative Reports

Administrative Reports

☐

Report Name

↓

Schedule

Run

☒ 07092022_preserved_list

⌚

▶

- ✓ Untuk menjana laporan yang telah dikemaskini atau yang baru diwujudkan, **tandakan kotak** dan **tekan butang RUN**.





Repository Report

Last updated at March 27, 2023 2:12:36 PM MYT

[Rerun Report](#)

title	sm_creator	changed	created	sm_date	ss_pid	sm_type	sm_contributor	sm_language	sm_format
Land acquisition process for railway project in Peninsular Malaysia	Azhar Ismail Faculty of Engineering - School of Civil Engineering	2022-03-31T06:38:41.051Z	2022-03-31T06:30:59.191Z	2021 Pub. Date	vital:145835	Thesis	fahmimoksen	ENG	Unpublished
Remote sensing to study mangrove fragmentation and its impacts on leaf area index and gross	Kang, Chuen Siang	2022-03-31T06:37:54.054Z	2022-03-31T06:31:13.926Z	2021-04	vital:145852	Indexed Paper	shafika	ENG	vol. 13

✓ Hasil penjanaan laporan.



Integration of knowledge and cue utilization on consumer purchase decision process towards Islamic Banking in Pakistan	Chaudhry Kashif Mahmood Azman Hashim International Business School	2022-03-31T06:38:32.182Z	2022-03-31T06:32:10.887Z	2020 Pub. Date	vital:145921	Thesis	fahmimoksen	ENG	Unpublished
--	--	--------------------------	--------------------------	----------------	--------------	--------	-------------	-----	-------------

...

[Export as CSV](#) | [Export as XML](#) | [Export as HTML](#)



vital-report-18285....csv

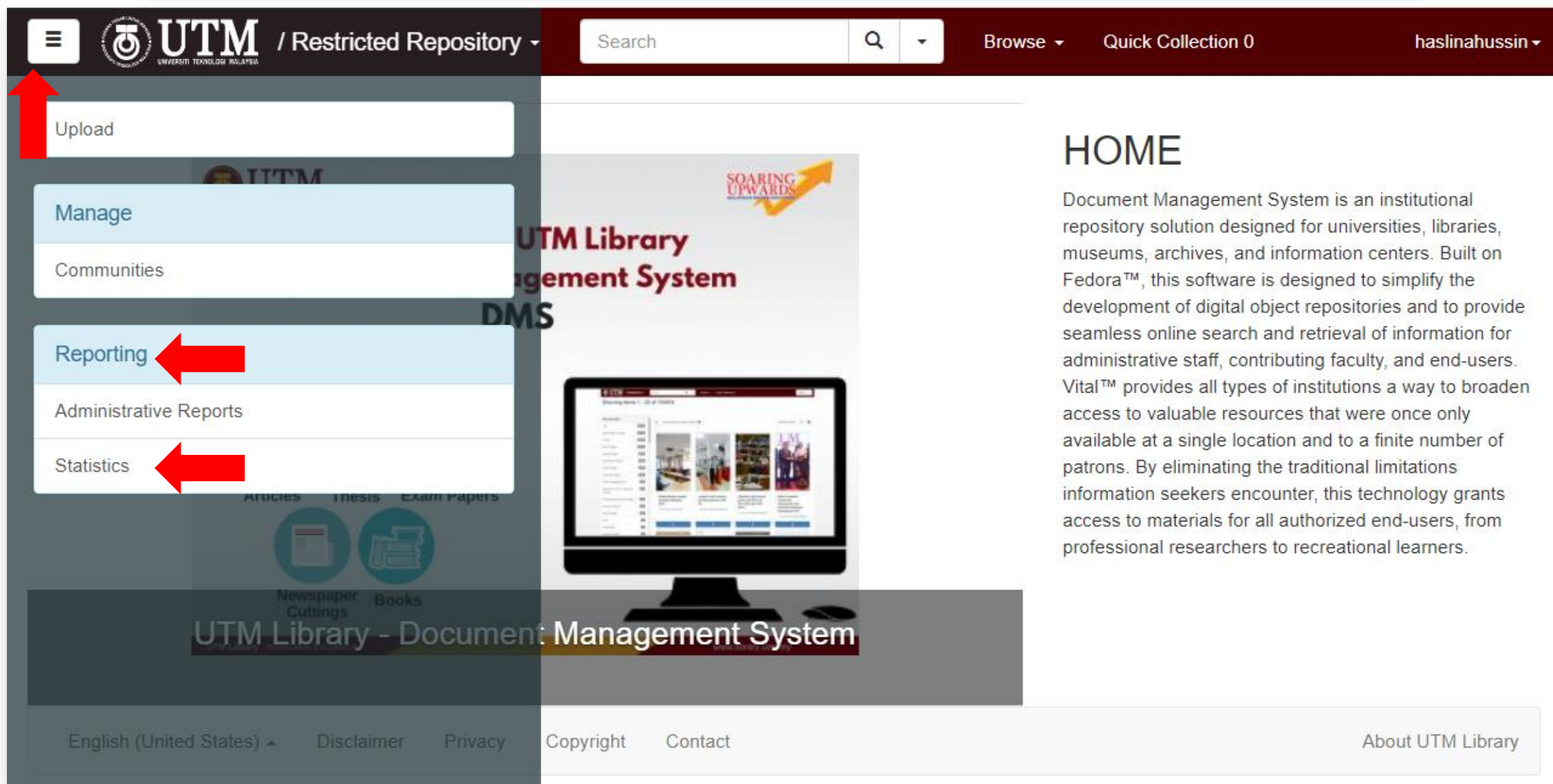


[Show all](#)

- ✓ Untuk memaparkan hasil penjaan laporan, pilih EXPORT AS CSV.
- ✓ Fail yang dijanakan akan dihasilkan dalam format fail MS Excel.
- ✓ Perlu laksanakan proses kemaskini pada fail MS Excel untuk mendapatkan paparan yang lebih kemas dan tersusun.



REPORTING : STATITICS



The screenshot displays the UTM Library Document Management System (DMS) interface. The top navigation bar is dark red and contains the UTM logo, the text "/ Restricted Repository", a search bar, and user information "haslinahussin". A sidebar on the left is dark grey and contains a menu with the following items: "Upload", "Manage", "Communities", "Reporting", "Administrative Reports", and "Statistics". Three red arrows point to the "Upload", "Reporting", and "Statistics" items. The main content area is white and features a large banner with the text "UTM Library Document Management System" and "SOARING UPWARDS". Below the banner is a computer monitor displaying the system's interface. To the right of the banner is a section titled "HOME" with a paragraph of text. The bottom of the page has a footer with links for "English (United States)", "Disclaimer", "Privacy", "Copyright", "Contact", and "About UTM Library".

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Search

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Upload

Manage

Communities

Reporting

Administrative Reports

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UTM Library Document Management System

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Statistics

These are your repository numbers on

27 March 2023 ▾



23 March 2023
22 March 2023
21 March 2023

Months

March 2023
February 2023
January 2023
December 2022
November 2022
October 2022
September 2022
August 2022
July 2022
June 2022
May 2022
April 2022

Years

2023
2022
2021

Hits



2

14

14

Visitors

The number of unique sessions created during this time period.

Hits

The total number of requests made to the repository.

Links

The number of followed links in the site.

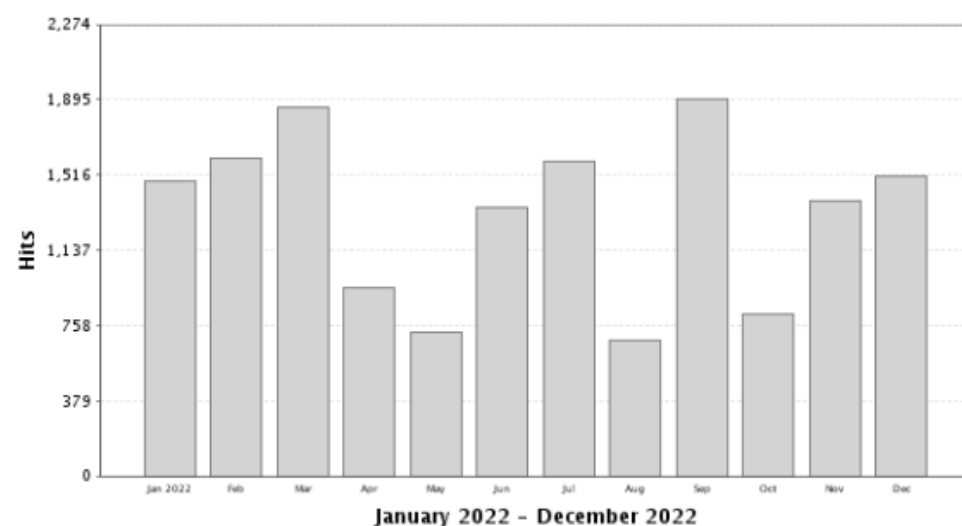




Statistics

These are your repository numbers on

2022 ▾



4253

Visitors

The number of unique sessions created during this time period.

15846

Hits

The total number of requests made to the repository.

15846

Links

The number of followed links in the site.



#7

- ✓ Proses **mengemaskini rekod bahan yang telah disahkan** oleh Pustakawan di sistem DMS-Valet **hanya boleh** dilakukan melalui platform **DMS-VITAL**, sama ada oleh **Pustakawan atau Pembantu Pustakawan**.



MENGEMASKINI METADATA : FAIL 'DC' → VIEW DETAILS

Restricted Repository

Iron nanoparticles synthesiz

Browse

Quick Collection 0

haslinahussin

Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi for catal...

- Atiqa Nadia Mohd. Mokhtar Faculty of Science, Mustaffa Shamsuddin, supervisor, Universiti Teknologi Malaysia, Faculty of Science

Reindex

Remove

KERATAN BAWAH

KERATAN ATAS

Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi for catalytic degradation of organic dyes

- Atiqa Nadia Mohd. Mokhtar Faculty of Science, Mustaffa Shamsuddin, supervisor, Universiti Teknologi Malaysia, Faculty of Science

Reindex

Remove

Object

Properties

Indexed Metadata

Relationship Editor

Thumbnail	File	Description	Size	Format	
☐		ATTACHMENT01 Full Text	2 MB	Adobe Acrobat PDF	View Details Download
☐		DC DC	3 KB	XML Document	View Details Download
☐		FULLTEXT Full Text of Source	97 KB	Text Document	View Details Download



DC of Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi fo...



 Edit

 Replace

Datastream

Permissions

Properties

Title

Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi for catalytic degradation of organic dyes

Creator

Atiqa Nadia Mohd. Mokhtar Faculty of Science

Creator

Mustaffa Shamsuddin, supervisor

Creator

Universiti Teknologi Malaysia

Creator

Faculty of Science

Contributor

zulaihi





DC of Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi for ...

Datastream

Pada paparan **HTML View**, proses kemaskini metadata **hanya terhad** kepada **mengemaskini data yang telah dimasukkan melalui DMS-VALET sahaja**.

Last updated at Thu Aug 30 16:14:11 MYT 2018

</>



HTML View

Title	Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi for catalytic degradation of organic dyes
Creator	Atiqa Nadia Mohd. Mokhtar Faculty of Science
Creator	Mustaffa Shamsuddin, supervisor
Creator	Universiti Teknologi Malaysia
Creator	Faculty of Science
Contributor	zulaihi
Description	Zero valent iron nanoparticles (ZVFe NPs) have attracted wide attention due to their potential application in environmental remediation. In particular, their high surface area has given them greater reactivity and made them a



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Search



Browse ▾

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haslinahussin ▾

DC of Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi fo...

Datastream

Last updated at Thu Aug 30 16:14:11 MYT 2018

 </> XML View

 HTML View

 <?xml version="1.0" encoding="UTF-8"?>

< dc|  xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc/"

xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="

http://www.openarchives.org/OAI/2.0/oai_dc/ http://www.openarchives.org/OAI/2.0/oai_dc.xsd

< title >

Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi for catalytic degradation
of organic dyes

</ title>

< creator >

Atiqa Nadia Mohd. Mokhtar Faculty of Science

</ creator>

< creator >

Mustaffa Shamsuddin, supervisor

Untuk menambah data
baharu pada medan
metadata, staf perlu
memilih paparan **XML
View**.



DC of Iron nanoparticles synthesized using aqueous extract of averrhoa bilimbi fo...

Datastream

Last updated at Thu Aug 30 16:14:11 MYT 2018

</> XML View

HTML View

```
<?xml version="1.0" encoding="UTF-8"?>
< dc|☐ xmlns:oai_dc="http://www.openarchives.org/OAI/2.0/oai_dc/"
  org/dc/elements/1.1/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
```

- Add Element: title
- Add Element: creator
- Add Element: subject
- Add Element: description
- Add Element: publisher
- Add Element: contributor
- Add Element: date
- Add Element: type
- Add Element: format
- Add Element: identifier
- Add Element: source
- Add Element: language
- Add Element: relation
- Add Element: coverage
- Add Element: rights

es.org/OAI/2.0/oai_dc/ http://www.openarchives.org/OAI/2.0/oai_dc.xsd

synthesized using aqueous extract of averrhoa bilimbi for catalytic degradation

atar Faculty of Science

Pada paparan ini, **selain** mengemaskini data, proses menambah data mengikut medan juga boleh dilaksanakan.



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Restricted Repository ▾

Iron nanoparticles synthesiz



Browse ▾

Quick Collection 0

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#9

- ✓ Proses **mengganti fail lampiran bagi rekod bahan yang telah disahkan** oleh Pustakawan **hanya boleh** dilakukan melalui platform **DMS-VITAL**, sama ada oleh **Pustakawan atau Pembantu Pustakawan**.



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Averrhoa bilimbi FOR CATALYTIC DEGRADATION OF ORGANIC DYES

ATIQA NADIA BINTI MOHD MOKHTAR

A thesis submitted in fulfillment of the
requirements for the award of the degree of
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- Abdul Aziz Buang, supervisor
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#2

- ✓ **DASAR** → Seksyen C : Pentadbiran & Teknikal.
 - Perkara 7 : Pendigitalan Bahan
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 - ms. 105 – 109 (pada dokumen).
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SEKSYEN B : DASAR UMUM



**SEKSYEN C : DASAR PENTADBIRAN
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SEKSYEN D : DASAR PERKHIDMATAN



#3

- ✓ **Isu penting** berkaitan pendepositan **bahan TESIS** yang terkandung dalam **Dasar** :
 - **Perkara 7.5 : Aktiviti dan Prosedur**
 - 7.5 (b) – vii : Bagi bahan Kertas Projek Sarjana Muda dan Tesis mukasurat berikut **tidak diproses digital untuk tujuan keselamatan**, iaitu:
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 - Akaun penyelia
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6. Laksana proses kemaskini fail dengan memadam mukasurat yang mengandungi maklumat :

- 6.1 Declaration of Thesis Form
- 6.2 Muka surat yang mengandungi tandatangan penyelia.
- 6.3 Surat pengesahan kerjasama
- 6.4 Muka surat yang mengandungi tandatangan pelajar.
- 6.5 Muka surat yang kosong.

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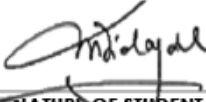
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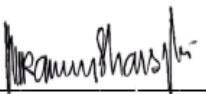
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Signature : 
Name of Supervisor III : DR. MUHAMMAD NAQUIDDIN BIN MOHD WARID
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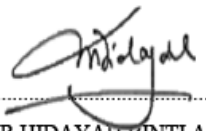
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Nama Penyelia Lain (jika ada) : _____

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- 7.0 Terminologi

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Spesifikasi Aplikasi Sistem Pengurusan Dokumen	Lampiran 2
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Penentuan Format Bagi Video dan Fotograf	Lampiran 4
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- 1
- 1
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- 2
- 7
- 7

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Lampiran 15

Carta Alir Proses Pendigitalan Cakera Padat Kertas Projek Dan Tesis

Lampiran 16

Carta Alir Proses Pendigitalan Kertas Soalan Peperiksaan

Lampiran 17

Q & A



**TERIMA
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