

A background image showing a microscopic view of plant cells, likely from a leaf, with prominent cell walls and chloroplasts. The image is in shades of blue and green, with a soft focus. A dark blue rectangular box is overlaid on the left side, containing white text.

TAKLIMAT PENGEMASKINIAN DATA KEPAKARAN MENGIKUT MRDCS EDISI KE 7

Tarikh : 15 Julai 2025 (Selasa)

Secara atas talian

AGENDA TAKLIMAT



KATA ALUAN DARIPADA
PENGARAH RCMO



TUJUAN
PENGEMASKINIAN
DATA KEPAKARAN
MENGIKUT MRDCS
EDISI KE 7

- Penghantaran Data ke Sistem MyMohes (KPT)
- Pencarian Kekuatan USM



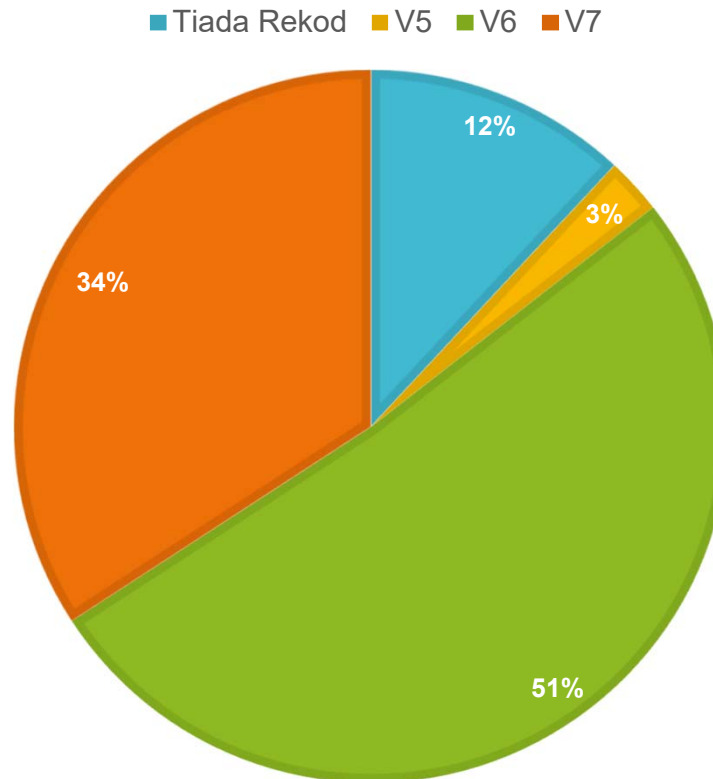
TATACARA
PENGEMASKINIAN
DATA KEPAKARAN

- Data Sedia ada daripada MRDCS Edisi 5/6 ke MRDCS Edisi 7
- Data Baru
- Data Gambar di dalam CV
- Data Biography & Research Interest
- Data SDG

**Tarikh akhir kemaskini data
: 17 Julai 2025**

STATISTIK
KEMASUKKAN
DATA
KEPAKARAN
SEHINGGA 14
JULAI 2025

PERATUS DATA KEPAKARAN



Jumlah Staf Akademik : 1886

TATACARA KEMASKINI DATA KEPAKARAN (DATA SEDIA ADA)

The screenshot displays the USM experts system interface. The left sidebar contains a menu with options: Curriculum Vitae, Profile Staff, My Expertise (highlighted with a red box), Head of Department/Dean, User's Manual: Approvals, User's Manual: Staff/Public, Feedback, and Logout. The main content area shows the 'Curriculum Vitae : Expertise' section for user RAA KHIM BIN SHUB, ASSOC. Below this is the 'List of Applied Expertise' table. A red box highlights the first row of the table, which includes a version icon (a green circle with a white '6' and a blue refresh icon), the category 'MATERIAL SCIENCES >> Advanced Materials', and the area 'Metals and Metal Alloy Materials'. Two callout boxes provide instructions: '1. Go to My Expertise' points to the 'My Expertise' menu item, and '2. Select [refresh icon] icon to update Area of Expertise' points to the refresh icon in the table row. An 'Add Expertise' button is located in the top right corner. At the bottom, a modal window titled 'Update Expertise to MROCS version 7' is open, showing fields for Division, Category, Group, Area, and Line, along with a search bar and a 'Search for MROCS Code' button. The footer of the modal indicates it is 'Based on MROCS version 7'.

1. Go to My Expertise

2. Select  icon to update Area of Expertise

#	Version	Category/Group	Area of Expertise	Details	Created	Status	Approval	Remarks	Actions
3		MATERIAL SCIENCES >> Advanced Materials	Metals and Metal Alloy Materials		05-10-2022 16:01:25	APPROVED	RAA KHIM BIN SHUB	20-07-2023	

Update Expertise to MROCS version 7

Division: Select division from the list

Category:

Group:

Area:

Line: None

Search Title/Area of Expertise:

Search for MROCS Code

Results:

Source: MROCS To Enter Code

Close Clear Save

Based on MROCS version 7

*FOM Field of Research
*SDO Sector Economic Objective

TATACARA KEMASKINI DATA KEPAKARAN (DATA SEDIA ADA)

Update Expertise to MRDCS version 7

*Division: FOR: APPLIED SCIENCE AND TECHNOLOGY

*Category: MATERIAL SCIENCES AND TECHNOLOGY INCLUDING ENGINEERING ...

*Group: Metallurgy (Science and the Technology of Metals)

*Area: Metals and Metal Alloy Materials

*Since (Year): 2000

*Level: Excellent

Search Title/Area of Expertise: Metals+Metal+Alloy+Materials

Search for MRDCSv7 Code

Results:

Source: MRDCS 7th Edition Code

Result(s) found! Click the code below.

- Area: F0708070301 Metals and Metal Alloy Materials
- Area: F0708070302 Non-Ferrous Metals
- Area: F0708070303 Ferrous Metals (Including Iron and Steel
- Area: F0708070304 Metallic Superconducting Material
- Area: F0708070305 Powder Metallurgy
- Area: F0708070306 Metallurgy Process
- Area: F0708070307 Physical Metallurgy
- Area: F0708070309 Specialty Metallic Alloy
- Area: F0708070310 Light Metal
- Area: F0708070404 Refractory Materials
- Area: F0708070407 Rubber Based Materials
- Area: F0708070408 Timber Based Materials
- Area: F0708070701 Scaffold Materials
- Area: F0708070702 Drug Delivery Materials
- Area: F0708070703 Implant Materials

4. Please select the code that best represents your chosen area of expertise. 'Division/Category/Group/Area' will be inserted based on the selected code.

2. Area of Expertise is automatically inserted in the search box

3. Click 'Search for MRDCSv7 Code' and result(s) will be displayed here

X Close Clear Save

TATACARA KEMASKINI DATA KEPAKARAN (DATA SEDIA ADA)

Update Expertise to MRDCS version 7

* Division: FOR APPLIED SCIENCE AND TECHNOLOGY

* Category: MATERIAL SCIENCES AND TECHNOLOGY INCLUDING ENGINEERING ...

* Group: Metallurgy (Science and the Technology of Metals)

* Area: Metals and Metal Alloy Materials

* Since (Year): 2000

* Level: Excellent

Search Title/Area of Expertise: Metal+Metal+Alloy+Materials

Search for MRDCSv7 Code

Results:

Source: MRDCS 7th Edition Code

Result(s) found! Click the code below.

- Area: F0706070301 Metals and Metal Alloy Materials
- Area: F0706070302 Non-Ferrous Metals
- Area: F0706070303 Ferrous Metals (Including Iron and Steel)
- Area: F0706070304 Metallic Superconducting Material
- Area: F0706070305 Powder Metallurgy
- Area: F0706070306 Metallurgy Process
- Area: F0706070307 Physical Metallurgy
- Area: F0706070309 Specialty Metallic Alloy
- Area: F0706070310 Light Metal
- Area: F0706070406 Refractory Materials
- Area: F0706070407 Rubber Based Materials
- Area: F0706070408 Timber Based Materials
- Area: F0706070501 Scaffold Materials
- Area: F0706070702 Drug Delivery Materials
- Area: F0706070703 Implant Materials

6. Select 'Since (Year)' and 'Level' of expertise and click 'Save'

Close Clear Save

3

7

APPLIED SCIENCE AND TECHNOLOGY >>

Metallurgy (Science and the Technology of Metals)

Metals and Metal Alloy Materials

Since: 2024

Level: Excellent

05-10-2022 16:01:25

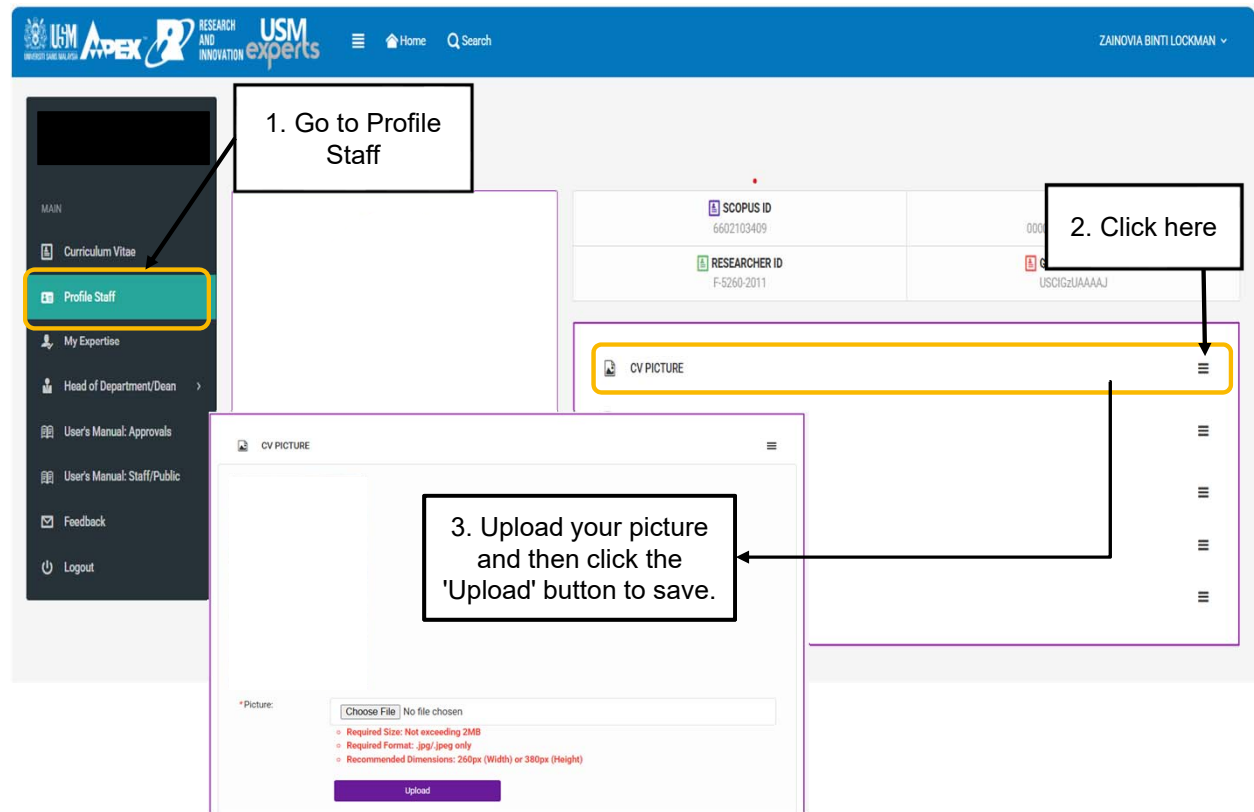
5. Your expertise is updated as shown in the list with the updated version

TATACARA KEMASKINI DATA KEPAKARAN (DATA BARU)

The screenshot shows the 'Add New Expertise' form. On the left, there are dropdown menus for Division, Category, Group, Area of Expertise, and a text input for Since (Year), along with a Level dropdown. On the right, there is a search bar for 'Search Title/Area of Expertise' and a 'Search for MRDCSv7 Code' button. A list of results is displayed below the search bar, with a red circle highlighting the first few items. Arrows point from the numbered instructions to the corresponding UI elements.

1. Click 'Add Expertise' button and input keywords delimited with '+' symbol in the search box describing your expertise.
e.g: machine+learning
2. Click 'Search for MRDCSv7 Code' and result(s) will be displayed here. Repeat step (3) as in [Update Existing Area of Expertise] above to save expertise.
3. Search for the codes from MASTIC official portal by clicking 'MRDCS 7th Edition Code' link.
4. Select appropriately from the 'Division/Category/Group/Area' dropdown.
5. Repeat step (5) as in [Update Existing Area of Expertise] above to save expertise.

TATACARA KEMASKINI GAMBAR DI DALAM PAPARAN CV



TATACARA KEMASKINI DATA BIOGRAPHY & RESEARCH INTEREST

1. Go to Profile Staff

2. Click here

3. Describe your biography and research interests, then click the 'Save' button.

RESEARCH INTERESTS

Materials science

CV PICTURE

UNIVERSITI SAINS MALAYSIA (USM)

Engineering Campus

EDUCATION BACKGROUND

BIOGRAPHY

RESEARCH INTERESTS

Materials scientist working on nanomaterials with interesting electronic properties.

Save Reset

TATACARA KEMASKINI DATA SDG



Kemaskini data di <https://rni.usm.my>

1. Go to
Research
Projects

Project Information Update

Grant Name: RESEARCH UNIVERSITY (INDIVIDUAL)
Project Code: UO2030
Research Title: Ti-Ni-O Nanotubes Formed by Anodisation of Titanium-Nickel Alloys

* Sustainable Development Goal (SDG):
Please select from listed items

Cancel Confirm and Update

2. Go to
Other(s) then
click MOSTI
Update

Account Actions
ARU001-0000000476-K134 View Other(s) v
GAL008-0000000273-N120 View
eFIS Statement
Apply HEPG
MOSTI Update

PAPARAN DATA SDG



Paparan USM Experts di <https://experts.usm.my>

Result(s) matching...
Name: abdul rahman



PROFESOR DATO' SERI IR. DR. ABDUL RAHMAN BIN MOHAMED

- SCHOOL OF CHEMICAL ENGINEERING
- <https://experts.usm.my/cvitaie/chrahaman>
- Scopus ID: 7402739263
- Researcher ID: A-9667-2010
- ORCID: 0000-0002-5418-5456

Expertise:

ENGINEERING AND TECHNOLOGY

Chemical Engineering

- CATALYST AND REACTIONS
- SEPARATION PROCESS

APPLIED SCIENCES AND TECHNOLOGIES

More



SCHOOL OF CHEMICAL
ENGINEERING
Main Campus
UNIVERSITI SAINS MALAYSIA (USM)

EXPERT IN

APPLIED SCIENCES AND
TECHNOLOGIES



UNIVERSITI
SAINS
MALAYSIA

APEXTM USM
experts

PROFESOR DATO' SERI IR. DR.
ABDUL RAHMAN BIN MOHAMED

Scopus ID

7402739263

Researcher ID

A-9667-2010

ORCID

0000-0002-5418-5456

Google Scholar ID

n/a



EXPERTISE

Catalyst and Reactions
Separation Process
Green Technology
Separation Technology

The background of the slide is a microscopic image showing a network of thin, translucent blue lines that form a complex, interconnected web. These lines resemble biological structures like cell membranes or a molecular network. A solid teal rectangular box is positioned on the left side of the image, containing the text 'TERIMA KASIH' in white capital letters.

TERIMA KASIH