



اونيورسيتي مليسيا فهغ السلطان عبد الله  
UNIVERSITI MALAYSIA PAHANG  
AL-SULTAN ABDULLAH

# User Manual

(Applicant/Student Version)

# SMART LAB MANAGEMENT SYSTEM (SLAMS)

*formerly known as 'Faculty's Lab Online Open Reservation System (FLOORS)'*

# General Rules of the booking system

1. Applicants must log in using their **E-community Student/Staff ID and Password**.
2. Booking requests **must be made at least 3 days in advance**.  
If a request is made later than this, **the booking slots will not be displayed**.
3. All applicants **must attend a Safety Briefing** before making a booking.
4. If the system detects that the applicant's name is **not on the attendance list for the briefing**, the booking will be **automatically rejected**.
5. Only **one representative per group** is allowed to make laboratory bookings.
6. Applicants are required to select the **experiment and equipment list** needed.  
For this category, applicants must also provide a **reference number for the Risk Assessment Form (RAF)**, which refers to the **upload date of the document to the Google Drive folder 'FTKA-Risk Assessment Form (RAF)'**.
7. Upon completion of lab usage, each application must be verified by laboratory staff in the system. This verification ensures that the laboratory and equipment are clean and tidy (housekeeping). Only after verification will future bookings be permitted.

# Dashboard (Front page)

Browser address bar: <https://apps-oss.ump.edu.my/labbooking/labbooking.php>

Header: NOR AZMI BIN SABRI

### SMART LAB MANAGEMENT SYSTEM (SLAMS)

Statistic & Graph  
Home » Statistic & Graph

Lab:

Month:  Year:

#### STATISTICS AND GRAPH FOR ALL LABS

##### Penggunaan Equipment Keseluruhan

Equipment Name	Usage (Bilangan)
FREEZER	2.0
IMPACT OF JET (AMFI...)	2.0
FUME HOOD	2.0
OPEN FLOW CHANNEL	2.0
A066-ELECTRONIC T...	2.0
STURER	2.0
A047-UNIVERSAL EXT...	2.0
DEAD WEIGHT PRESSU...	2.0
FLOW OVER WEIR APP...	2.0
BERNOULLI'S PRINCIP...	2.0
AGGREGATE IMPACT V...	2.0
SERIES & PARALLEL PD...	2.0
AUTOMATIC PENETRO...	2.0
A052-ELECTRONIC BA...	2.0
ELECTRONIC TOP LOA...	1.0
A022-OVEN (225 LI)	1.0
A008-ELECTRONIC BA...	1.0
A032-UNIVERSAL OVEN	1.0
A020-LOAD FRAME	1.0
HYDROSTATIC PRESSU...	1.0
HYDROLOGY APPARAT...	1.0
ELECTRONIC BALANCE	1.0
A083-ANALYTICAL BA...	1.0
SIEVE SHAKER	1.0
LOSES IN PIPE APPARA...	1.0
COMPRESSION MACHINE	1.0

Legend: ● Total Penggunaan Equipment Keseluruhan

Highcharts.com

Navigation: **Penggunaan Makmal Keseluruhan** | **Penggunaan Makmal Mengikut Bulan**

# Scheduler

Calendar calendar page  
Home • Apps

CALENDAR

Tools ▾

Month/Year Please Choose... ▾  
Lab Please Choose... ▾

< > TODAY MONTH WEEK DAY

July 2020

SUN	MON	TUE	WED	THU	FRI	SAT
28	29	30	1	2	3	4
		1p TEST : TEST .STATUS : VERIFI		9a TEST : COMPRE .STATUS : APPLY		
5	6	7	8	9	10	11
	9a TEST : UCT .STATUS : VERIFI				9a TEST : .STATUS : APPLY	
12	13	14	15	16	17	18
	9a TEST : HEAD FA .STATUS : APPRO	9a TEST : ATTERBE .STATUS : APPRO	9a TEST : ATTERBE .STATUS : APPLY	9a TEST : HYDROM .STATUS : APPLY	9a TEST : DIRECT S .STATUS : APPLY	
	9a TEST : UCT .STATUS : APPLY	9a TEST : DIRECT S .STATUS : APPLY	9a TEST : DIRECT S .STATUS : APPLY			

- List of reserved slots.

- Display option
  - *Month/Year*
  - *Lab*

- Legend

- **RED** : APPLY
- **BLUE** : APPROVE
- **GREEN** : VERIFY

# Menu for 'Student' (Applicant)

The screenshot displays the SMART LAB MANAGEMENT SYSTEM (SLAMS) interface. On the left, a sidebar menu is highlighted with a red box and labeled "Main Menu". The menu items are: Dashboard, Statistic & Graph, Scheduler, Lab Demonstration Video, Soil Mechanics & Geotechnics Lab, Highway & Traffic Engineering Lab, Environmental Lab, Hydraulics & Hydrology Lab, Concrete & Structure Lab, Engineering Survey Lab, and Booking. The main content area shows the "Statistic & Graph" section with filters for Lab, Month, and Year. Below the filters is a bar chart titled "Penggunaan Equipment Keseluruhan" (Overall Equipment Usage) showing usage counts for various equipment. The y-axis is labeled "Bilangan" (Number) and ranges from 0 to 6. The x-axis lists equipment names and their usage counts.

Equipment Name	Usage Count
A047-UNIVERSAL E...	5.0
A020-LOAD FRAME	4.0
A052-ELECTRONIC BA...	3.0
A066-ELECTRONIC T...	3.0
FLOW OVER WEIR APP...	2.0
DEAD WEIGHT PRESSU...	2.0
BERNOULLI'S PRINCIP...	2.0
AGGREGATE IMPACT V...	2.0
SERIES & PARALLEL PU...	2.0
AUTOMATIC PENETRO...	2.0
IMPACT OF JET (ARMP...	2.0
FUME HOOD	2.0
OPEN FLOW CHANNEL...	2.0
STURER	2.0
A042-MIXER	2.0
FREEZER	2.0
ELECTRONIC BALANCE	1.0
COMPRESSION MACHINE	1.0
A032-UNIVERSAL OVEN	1.0
LOSSES IN PIPE APPARA...	1.0
SIEVE SHAKER	1.0
A022-OVEN (225 LU	1.0
A083-ANALYTICAL BA...	1.0
HYDROLOGY APPARAT...	1.0
A008-ELECTRONIC BA...	1.0
ELECTRONIC TOP LOA...	1.0
HYDROSTATIC PRESSU...	1.0

# Application List (Undergraduate)

Application List (Undergraduate)

Application List (Undergraduate)

ADD NEW +

10 records

Search:

APPLICANT	GROUP	TEST	EMAIL STATUS	STATUS	REMARK REJECT/CANCEL	ACTION														
<input type="checkbox"/> MDZ23021 - NIK NOOR ATYRAH BT NIK AZIZ	G1 TRIAL <a href="#">Detail Group Member +</a>	<table border="1"><thead><tr><th>TEST</th><th>SLOT</th><th>DATE</th><th>TIME FROM</th><th>TIME TO</th><th>LAB</th><th>EQUIPMENTS</th></tr></thead><tbody><tr><td>2022-0000129 - DIRECT SHEAR TEST</td><td>1 - TRIAL</td><td>12-NOV-24</td><td>10:00</td><td>12:00</td><td>(UG) SOIL MECHANICS AND GEOTECHNICS LAB</td><td></td></tr></tbody></table>	TEST	SLOT	DATE	TIME FROM	TIME TO	LAB	EQUIPMENTS	2022-0000129 - DIRECT SHEAR TEST	1 - TRIAL	12-NOV-24	10:00	12:00	(UG) SOIL MECHANICS AND GEOTECHNICS LAB		Y	APPLY		<a href="#">Actions</a>
TEST	SLOT	DATE	TIME FROM	TIME TO	LAB	EQUIPMENTS														
2022-0000129 - DIRECT SHEAR TEST	1 - TRIAL	12-NOV-24	10:00	12:00	(UG) SOIL MECHANICS AND GEOTECHNICS LAB															
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TEST	SLOT	DATE	TIME FROM	TIME TO	LAB	EQUIPMENTS														
2021-0000111 - SIEVE ANALYSIS	1	30-SEP-24	08:00	10:00	(UG) SOIL MECHANICS AND GEOTECHNICS LAB															

Showing 1 to 2 of 2 entries

- List of laboratory applications for *Undergraduates*.

- Click the '**Add New**' button for a new lab booking application

# Application Form (Undergraduate)

The screenshot shows a web browser window with the URL <https://apps-oss.ump.edu.my/labbooking/labbooking.php?menu=menu7&category=Undergraduate>. The page title is "Application Form" and the user is identified as "NIK NOOR ATYRAH BT NIK AZIZ". The left sidebar contains a navigation menu with options: Dashboard, Lab Demonstration Video, Booking, FYP/Postgraduate, Undergraduate, and Undergraduate. The main content area is titled "APPLICATION FORM" and contains the following fields:

- Category: UNDERGRADUATE (selected)
- Group: Select
- Subject: Select
- Lab: Select
- Date: [Calendar icon]
- Slot: Select (MONDAY - FRIDAY)
- Test: Select
- Equipment: [Empty field]

At the bottom of the form are two buttons: "Submit" and "Back".

- Select the '*Undergraduate Category.*'
- Fill in all the required information
- Press the '*Submit*' button.
- The application will reach the laboratory staff for review and approval.
- Applicants will receive a booking status notification email (Passed/Rejected)

## REMINDER !

The system will **automatically block** the application if the applicant has not/does not attend Safety Induction

# Application List (FYP/Postgraduate)

SMART LAB MANAGEMENT SYSTEM

https://apps-oss.ump.edu.my/labbooking/labbooking.php?menu=menu6

NIK NOOR ATYRAH BT NIK AZIZ

Application List(FYP/Postgraduate)

APPLICATION LIST (FYP/POSTGRADUATE)

Add New +

10 records

Search:

APPLICANT ID	APPLICANT NAME	PROJECT TITLE & SLOT	TEST/EQUIPMENT	DATE	REMARK	EMAIL STATUS	STATUS	ACTIONS								
MDZ23021	NIK NOOR ATYRAH BT NIK AZIZ	TESTING (SUPERVISOR : ABDUL AZIZ BIN ABAS)	UNCONFINED COMPRESSIVE STRENGTH TEST	12-NOV-24		Y	VERIFIED	Actions								
		<table border="1"><thead><tr><th>DATE</th><th>SLOT</th><th>TIME FROM</th><th>TIME TO</th></tr></thead><tbody><tr><td>12-NOV-24</td><td>TUESDAY SLOT</td><td>09:00</td><td>16:00</td></tr></tbody></table>	DATE	SLOT	TIME FROM	TIME TO	12-NOV-24	TUESDAY SLOT	09:00	16:00	EQUIPMENTS 1. A047-UNIVERSAL EXTRUDER 2. A020-LOAD FRAME 3. A066-ELECTRONIC TOP LOADING BALANCE					
DATE	SLOT	TIME FROM	TIME TO													
12-NOV-24	TUESDAY SLOT	09:00	16:00													
MDZ23021	NIK NOOR ATYRAH BT NIK AZIZ	EFFECT OF OPTIMUM UTILIZATION OF SILICA FUME AND COCKLE SHELL ASH ON THE ENGINEERING PROPERTIES OF SOFT KAOLIN CLAY (SUPERVISOR : MUZAMIR BIN HASAN)	UU TEST	04-OCT-24	Follow lab safety SOP's and make sure your testing area is perfectly clean. Thank you	Y	VERIFIED	Actions								
		<table border="1"><thead><tr><th>DATE</th><th>SLOT</th><th>TIME FROM</th><th>TIME TO</th></tr></thead><tbody><tr><td>04-OCT-24</td><td>FRIDAY SLOT</td><td>09:00</td><td>13:00</td></tr></tbody></table>	DATE	SLOT	TIME FROM	TIME TO	04-OCT-24	FRIDAY SLOT	09:00	13:00						
DATE	SLOT	TIME FROM	TIME TO													
04-OCT-24	FRIDAY SLOT	09:00	13:00													

- List of laboratory applications for *FYP/Postgraduates*.
- Click the *'Add New'* button for a new lab booking application



# Application Form (Postgraduate/FYP)

The screenshot shows a web browser window with the URL <https://apps-oss.ump.edu.my/labbooking/labbooking.php?menu=menu7&category=Undergraduate>. The page title is "Application Form" and the user is logged in as "NIK NOOR ATYRAH BT NIK AZIZ". The left sidebar contains a navigation menu with "Dashboard", "Lab Demonstration Video", "Booking", and "FYP/Postgraduate" (selected). The main content area is titled "APPLICATION FORM" and contains the following fields:

- Category: FYP/POSTGRADUATE (dropdown)
- Name: MDZ23021 - NIK NOOR ATYRAH BT NIK AZIZ (text)
- Name of Supervisor: Select (dropdown)
- Project Title: (text)
- Date: (calendar icon)
- Lab: Select (dropdown)
- Slot: Select (dropdown)
- Test: Select (dropdown)
- Equipment: (text)
- Remark: (text)
- Risk Assessment: Yes @ No (radio buttons)

At the bottom of the form are "Submit" and "Back" buttons.

- Select the '*FYP/Postgraduate Category.*'
- Fill in all the required information
- Press the '*Submit*' button.
- The application will reach the laboratory staff for review and approval.
- Applicants will receive a booking status notification email (Passed/Rejected)

**REMINDER !**

The system will **automatically block** the application if the applicant has not/does not attend Safety Induction

## IT Helpdesk :

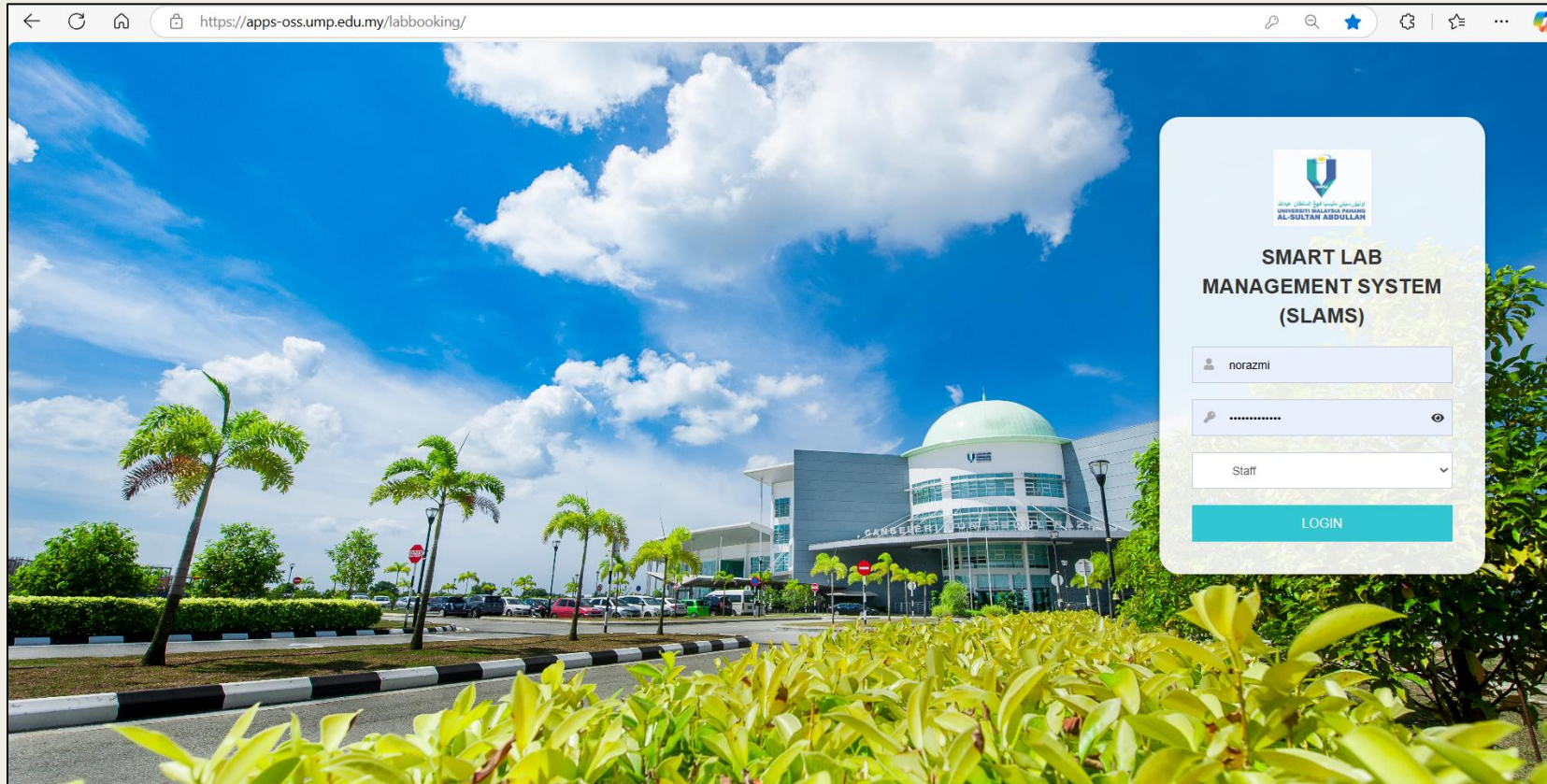
*enquiry4@gmail.com*

## System Administrator :

Mr Azmi / Mr Ziunizan

## FTKA Person-In Charge (Booking System) :

- Geotechnical Lab – *Mr Azmi / Mr Haliman*
- Highway & Traffic Lab – *Mr Sani / Mr Amir*
- Environmental Lab – *Mr Shuhaimi / Madam Norazimah*
- Concrete & Materials Lab – *Mr Fadzil / Mr Hafiez*
- Hidraulics & Hydrology Lab – *Madam Kamariah / Mr Syed Najmuddin*
- Surveying Lab – *Mr Huzari / Mr Zainuddin*
- Computer Lab – *Hj Azahar*



**THANK YOU !**