

FTKA LABORATORY PROFILE



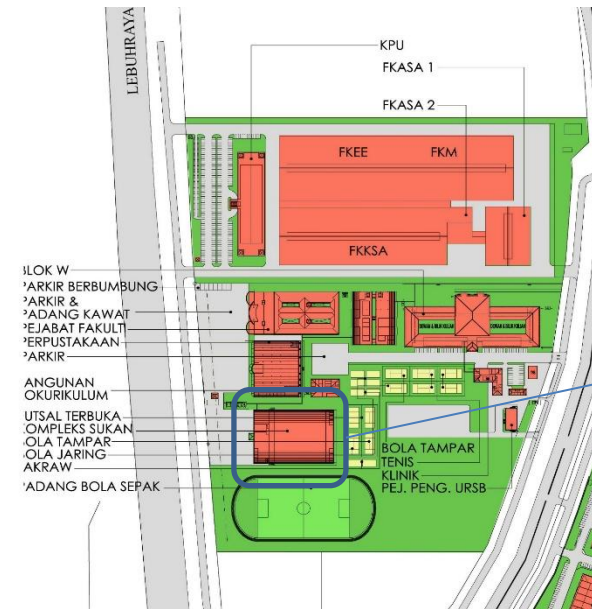
FTKA

BLOK
MAKMAL
FKASA

ENGINEERING
SURVEYING LAB

BASIC INFORMATION

Location:
Block Makmal FKASA



Highway & Traffic
Laboratory
Block Makmal FKASA

Person in Charge

No	Name	Phone and email
1	Ts. Haji Azahar Bin Mohd Yasin	Office : 09-4315938 Email: azaharmy@ump.edu.my
2	En. Huzari Bin Mazelan	Office : 09-4315978 Email : huzari@ump.edu.my
3	En. Zainuddin Bin Abdullah Sani	Office : 09-4315966 Email : znuddin@ump.edu.my

LIST OF EQUIPMENTS

Nature of Equipments

- The laboratory is equipped with industry-standard surveying instruments for practical and field-based training.
- Equipment is utilized for accurate measurement, positioning, and data acquisition exercises.
- All experiments are aligned with real-world surveying practices and applications.

No	Item	Quantity	Status	usage
1	Eletronic Total Station	61	ok	PnP & RnD
2	Auto Level	50	ok	PnP & RnD
3	UAV Drone (RTK Aerial Survey)	6	ok	PnP & RnD
4	Laser Distance Meter	5	ok	PnP & RnD
5	Survey Tripod	200	ok	PnP & RnD
6	Survey Pole	50	ok	PnP & RnD
7	Levelling Staff	50	ok	PnP & RnD
8	Prism Set	30	ok	PnP & RnD
9	Measuring Tape (7.5m,30m,50m)	Various Units	ok	PnP & RnD
10	Field Tools (Hammer, Pegs, Accessories)	Various Units	ok	PnP & RnD
11	Safety Equipment (Vest, Umbrella)	Various Units	ok	PnP & RnD
12	Field Tools (Hammer, Pegs, Accessories)	Various Units	ok	PnP & RnD

LIST OF SERVICES

1. Surveying Training & Practical (Student-Based Learning)
2. Field Survey Operations (Traversing, Levelling, Topographic Survey)
3. Aerial Mapping & Drone Survey (RTK)
4. Geospatial Data Collection & Analysis
5. Survey Consultancy & Technical Advisory
6. Site Measurement & Mapping Services
7. Equipment Handling & Surveying Techniques Training

LAB PICTURES



Laboratory Entrance



Main Laboratory Area



Equipment Storage Area 1



Equipment Storage Area 2

LAB PICTURES



Hydrographic Survey Activity



Field Survey Camp



GNSS Data Collection



Aerial Drone Mapping



Total Station Field Training