

# UMP LAB PROFILE



FTEK

Taman  
TTI

Chemistry  
Lab

Version

27th September 2016

# BASIC INFORMATION

**Location:**  
FTEK, TTI

**Cluster:**  
BTV

No	Item	Status
1	Area	54.63' x 37 '
2	Supply	1 phase & 3 phase
3	Communication point	2 nos network
4	Gases	Nil
5	AV System	1 nos Lecturer PC 1 nos LCD Projector 1 nos Projector Screen (Motorized) 1 set PA System
6	Store	Yes (10' x 37.4')
7	Bilik Persediaan Makmal	Nil
8	Air Conditioning	YES (Split)
9	Others (utilities)	3 unit LEV system

# LIST OF EQUIPMENTS

## Nature of Equipments

- This lab is designed for chemistry lab purpose.
- All experiments conducted here are more on physical chemistry and organic chemistry
- Some other post graduate student also use this lab for their research station.

No	Item	Quantity	Status	usage
1	Fume Hood	2	OK	PnP & RnD
2	Autoclave	1	OK	PnP & RnD
3	Ultra sonic cleaner	1	Under maintenance	RnD
4	Water Ionizer	1	Under maintenance	PnP & RnD
5	Magnetic Stirrer	5	OK	PnP & RnD
6	Uv Vis Spectrophotometer	2	OK	PnP & RnD
7	Heating Bath Apparatus	1	OK	RnD
8	Water Bath	2	OK	PnP & RnD
9	Distilled water unit	1	Under maintenance	PnP & RnD

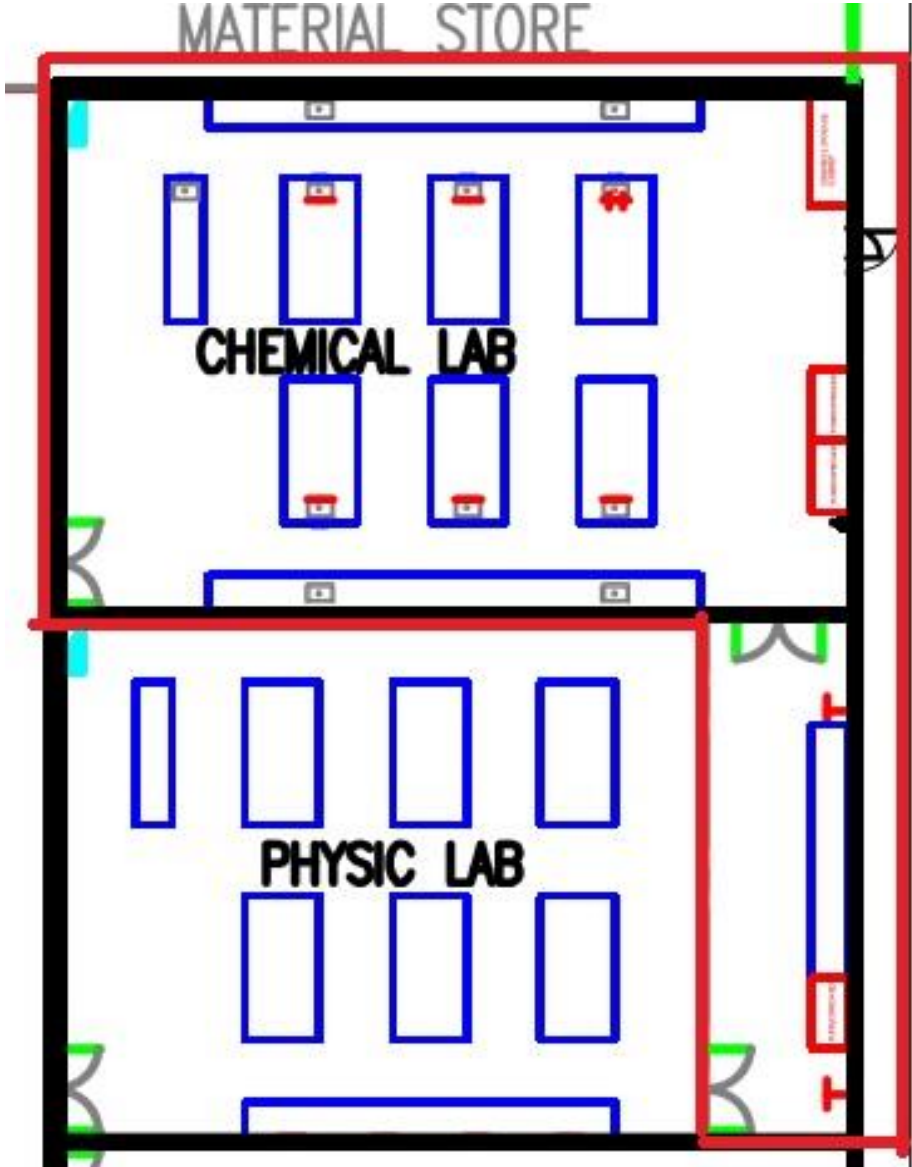
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N o	Item	Quantity	Status	usage
10	Ultra pure water system	1	OK	PnP & RnD
11	Analytical Balance	3	OK	PnP & RnD
12	Melting Point Apparatus	1	OK	PnP & RnD
13	PH Meter	6	OK	PnP & RnD
14	Hot Plate Stirrer	6	OK	PnP & RnD
15	Oven Drying	1	OK	PnP & RnD
16	Incubator	1	OK	PnP & RnD
17	Lab Freezer	1	OK	PnP & RnD
18	Drying Cabinet	1	OK	PnP & RnD
19				

# LAB LAYOUT



# LAB PICTURES



# OTHER INFORMATION

- Makmal ini digunakan secara optimum pada semester 1 bagi pelbagai subjek di bawah FTEK antaranya Chemistry Lab (BTV), Organic Chemistry (Pharma) dan juga selebihnya terminal untuk lab work bagi research student.