

UMP LAB PROFILE



FTEK

Taman
TTI

CNC
Machining
Lab

Version
27th September 2016

BASIC INFORMATION

Location:
FTEK, TTI

Cluster:
BTM

No	Item	Status
1	Area	11m x 15m / 165m ²
2	Supply	1 phase & 3 phase
3	Communication point	2 nos network
4	Compressed Air	7 nos
5	AV System	Nil
6	Store	Nil
7	Lab Preparation Room	Nil
8	Air Conditioning	YES (Split) 4 unit
9	Others (utilities)	WiFi

LIST OF EQUIPMENTS

Nature of Equipments

- This lab is designed for advanced material removal process.
- All experiments conducted here are more on CNC machining and spark erosion process.
- Some other post graduate student also use this lab for their research station.

No	Item	Quantity	Status	usage
1	CNC Turning (DMG Mori)	2	OK	PnP & RnD
2	CNC Milling (Milltronics)	1	OK	PnP & RnD
3	CNC EDM Wirecut (Mitsubishi)	1	Ok	PnP & RnD
4	EDM Die Sinking (Mitsubishi)	1	Ok	PnP & RnD
5	CADCAM Software (NX10 Edu. Licensed)	2	OK	PnP
6	NC Friction Stirr Welding	1	OK	PnP & RnD
7	CNC Simulator Set (Siemens Sinumerik 840D)	6	Ok	PnP
8				

LAB LAYOUT

