

NO.	EQUIPMENT	BRAND/ MODEL	CHARGE RATE FS (RM)	CHARGE RATE - UTM (RM)	CHARGE RATE - NON UTM (RM)	UNIT	LOCATION	PIC	SV
1	PORTABLE PHOTOSYNTHESIS SYSTEM	LICOR	34	34	57	PER HOUR	Plant Biotechnology Laboratory (01-11-01)	1. Noor Hidayah binti Md Nooh 2. Wan Aznida Wan Mohd Anuar	Dr. Alina Wagiran
2	CRITICAL POINT DRYER (CPD)	LEICA EM CPD300	67	67	112	PER HOUR	Central Analytical Laboratory (01-25-01)	1. Muhammad Hanif Muhammad Hatta 2. Nazirul Mubin bin Normansah	Dr. Zaidah Rahmat
3	SPUTTER COATER (GOLD) FOR BIOLOGICAL SAMPLE	IEICA EM ACE 200	78	78	130	PER SAMPLE	Central Analytical Laboratory (01-25-01)	1. Muhammad Hanif Muhammad Hatta 2. Nazirul Mubin bin Normansah	Dr. Zaidah Rahmat
4	SPIN COATER FOR NON-BIOLOGICAL SAMPLE	LAURELL/ WS-650MZ-23NPP	30	50	83	PER SAMPLE	Biosensor & Biomolecular Technology Laboratory (02-08-01)	Suhaidah Suleiman	Assoc. Prof. Dr. Shafinaz
5	CPD + SPUTTER COATER	LEICA EM CPD 300 + IEICA EM ACE 200	103	103	172	PER SAMPLE	Central Analytical Laboratory (01-25-01)	1. Muhammad Hanif Muhammad Hatta 2. Nazirul Mubin bin Normansah	Dr. Zaidah Rahmat
6	TISSUE EMBEDDING CENTRE	HISTO-LINE/ TEC 2800	33	33	55	PER SAMPLE	Herbarium Room (01-07-01)	Noor Hidayah binti Md Nooh	Dr. Alina Wagiran
7	MICROTOME	HISTOLINE/ MR2258	32	32	53	PER SAMPLE	Herbarium Room (01-07-01)	Noor Hidayah binti Md Nooh	Dr. Zaidah Rahmat
8	REAL TIME PCR	Bio-Rad CFX96	38	38	63	PER RUN	Analytical Service Laboratory (03-102-01)	Farah Wahida Zaimudin	Dr. Alina Wagiran
9	REAL TIME PCR WITH ANALYSIS	Rotor gene Q- Qiagen	76	76	127	PER RUN	Plant Biotechnology Laboratory	Farah Wahida Zaimudin	Dr. Alina Wagiran
10	FREEZE DRYER	LABOGENE SCANVAC/	50	50	83	PER HOUR	Analytical Service Laboratory (03-102-01) Central Analytical Laboratory (01-25-01)	Norsyuhada Jaafar	Dr. Zaidah Rahmat
11	HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)	1100 1200 WATERS	106	106	177	PER DAY	Central Analytical Laboratory (01-25-01)	1. Nazirul Mubin bin Normansah 2. Amalina Ramli 3. Yusnizam Samsudin	Assoc. Prof. Dr. Goh Kian Mau
12	GAS CHROMATOGRAPHY (GC)	AGILENT 6890N	50	50	83	PER DAY	Central Analytical Laboratory (01-25-01)	1. Muhammad Shahril Sazali 2. Mohd Hasrul Ishak 3. Muhamad Ruzaini Ramli	
13	GAS CHROMATOGRAPHY-THERMAL CONDUCTIVITY DETECTOR (GC-TCD)	AGILENT 7890B	50	50	83	PER DAY	Central Analytical Laboratory (01-25-01)	1. Amalina Ramli 2. Muhammad Shahril Sazali	Dr. Mohd Firdaus
14	HIGH SPEED CENTRIFUGE	BECKMAN	50	50	83	PER HOUR	Central Analytical Laboratory (01-25-01)	Mohd Hasrul Ishak	Dr. Saleha
15	LAMINAR FLOW	ESCO	0	20	33	PER HOUR	Microbiology Teaching Lab (02-01-01)	Suhaidah Suleiman	
16	STEREO/ INVERTED MICROSCOPE	NIKON/ ECLIPSE E200LED/ TI SM	0	20	33	PER HOUR	Analytical Service Laboratory (03-102-01)	Suhaidah Suleiman	Dr. Alina Wagiran
17	PROBE SONICATOR	QSONIQA/ CL-334	10	20	33	PER HOUR	Analytical Service Laboratory (03-102-01)	Norsyuhada Jaafar	Dr. Zaidah Rahmat
18	BENCHTOP SCANNING ELECTRON MICROSCOPE (WITHOUT DRYING AND COATING)	PHENOM X	40	40	67	PER SAMPLE	Central Analytical Laboratory (01-25-01)	1. Muhammad Hanif Muhammad Hatta 2. Nazirul Mubin bin Normansah	Dr. Zaidah Rahmat
19	UPRIGHT FLUORESENT MICROSCOPE	NIKON	10	20	33	PER HOUR	Central Analytical Laboratory (01-25-01)	Suhaidah Suleiman	Dr Siti Pauliena
20	FOURIER TRANSFORM INFRA RED SPECTROSCOPY (FTIR)	THERMO SCIENTIFIC/ NICOLET IS5	50	50	83	PER SAMPLE	Analytical Service Laboratory (03-102-01)	1. Mohd Hasrul Ishak 2. Muhammad Shahril Sazali	Assoc. Prof. Dr. Nik Ahmad Nizam
22	CHILLED ROTARY EVAPORATOR	IKA/ RV10	80	100	167	PER SAMPLE	Analytical Service Laboratory (03-102-01) Water & Wastewater Research Laboratory (05-26-01)	Norsyuhada Jaafar	Dr. Zaidah Rahmat
26	DENATURING GRADIENT GEL ELECTROPHORESIS (DGGE)	Biorad/ DCode System	200	250	417	PER RUN	Water & Wastewater Research Laboratory (05-26-01)	Wan Aznida Wan Mohd Anuar	
27	FURNACE (1000 oC)	CARBOLITE	0	30	60	PER RUN	Environmental Bioengineering Laboratory 1 (01-46-01)	Nazirul Mubin bin Normansah	
28	ISOTHERMAL TITRATION CALORIMETRY SYSTEM (ITC)	MALVERN/ micrical peaq-itc	50	50	83	PER RUN	Central Analytical Laboratory (01-25-01)	Amalina Ramli	Assoc. Prof. Dr. Shafinaz
29	NANO DROP	JENWAY/ genovana nano	0	10	17	PER SAMPLE	Central Analytical Laboratory (01-25-01) Analytical Service Laboratory (03-102-01)	Noor Hidayah binti Md Nooh	Dr. Zaidah Rahmat
30	ELISA Reader	BMG LABTECH	30	50	83	PER HOUR	Nutritional & Biochemistry Laboratory (05-24-01)	1. Muhammad Hanif Muhammad Hatta 2. Muhammad Shahril Sazali	Dr. Razauden
31	HACH SPECTROPHOTOMETER (WITHOUT REAGENT)	DR6000	40	50	83	PER HOUR	Water & Wastewater Research Laboratory (05-26-01) Environmental Bioengineering Laboratory 1 (01-46-01)	Wan Aznida Wan Mohd Anuar	

Charges for equipment usage only. cost of all sample preparation and reagents to be borne by the user.