

College of Veterinary Sciences & Animal Husbandry, Selesih, Mizoram

Sl. No	Name of the instrument & make	Year of purchase	I/C of the equipment (Scientist, Mobile No., Dept.)	Function of the equipment	Status (Working Repairable /Non repairable)	Log book maintained (Yes/No)	Shared with others (Yes/No)	Utilization Charge/ Fee (Rs.)
1	Incubator cum Hatcher & Setter Make: Karamsar Tech. Pvt. Ltd., New Delhi	28-03- 2008	Dr. Ranjana Goswami, Prof. Mob: 9436354525, Dept: Livestock Production & Management	Incubation and hatching of eggs (Chicken eggs/Duck eggs/Turkey eggs & quail eggs)	Working	Yes	Yes, to the farmers from 2010 till date	Rs 2 per egg
2	Trinocular Research Microscope	16.6.200 9	HOD Mob: 9436354621 8787855609 Dept: Vety. Public Health	Examination of biological specimens like cells and microorganisms more precisely with a facility of photography	Working	Yes	Yes	NA

3	<p>500mA X-ray Machine, SIEMENS and Motorised table.</p> <p>Model: KLINOSKOP H/ HELIOPHOS D.</p> <p>Make: Siemens Healthcare Private Limited, India.</p>	2008	<p>Dr. Bedanga Konwar, Professor,</p> <p>Mob: 9436152323 & 9366562165</p> <p>Dept: Veterinary Surgery and Radiology</p>	Functioning	Working.	Yes	Yes	200.00 Per case.
5	<p>Computerised Radiography System.</p> <p>Model: FCR PRIMA T2 and</p>	2015	<p>Dr. Bedanga Konwar, Professor,</p> <p>Mob: 9436152323 & 9366562165</p> <p>Dept: Veterinary Surgery and Radiology</p>	FCR PRIMA T2 is functioning	Working.	Yes	Yes	NA

6	Class-III Biological Safety Cabinet with 100% Exhaust facility, Class A2, Microflow	2015	Dr. T. K. Dutta Mob: 9862335294 Dept: Vety. Microbiology	Clean work bench	Working	Yes	Yes	Not applicable
7	Microplate Multimode Reader with nanodrop Spectrophotometer Thermo	2016	Dr. T. K. Dutta Mob: 9862335294 Dept: Vety. Microbiology	Measuring or quantification of DNA/RNA/ Protein etc	Working	Yes	Yes	Rs. 200/- per sample
8	Vertical Deep freezer, Eppendorf	2022	Dr. T. K. Dutta Mob: 9862335294 Dept: Vety. Microbiology	Storage of perishable under low temperature	Working	Yes	Yes	Not applicable
9	Gel documentation system, Eppendorf	2022	Dr. T. K. Dutta Mob: 9862335294 Dept: Vety. Microbiology	Visualization and documentation of nucleic acids and proteins	Working	Yes	Yes	Rs. 200/- per sample

10	Nanopore DNA sequencer, Oxford Nanopore	2022	Dr. T. K. Dutta Mob: 9862335294 Dept: Vety. Microbiology	Sequencing of DNA	Working	Yes	Yes	Not applicable
11	Real time PCR, ABI System	2022	Dr. T. K. Dutta Mob: 9862335294 Dept: Vety. Microbiology	Realttime amplification of nucleic acids	Working	Yes	Yes	Rs. 2000/- per sample
12	Lyophilizer, Thermo	2022	Dr. T. K. Dutta Mob: 9862335294 Dept: Vety. Microbiology	Freeze drying of live microbial culture	Working	Yes	Yes	Rs. 2000/- per sample
13	Gel Documentation system BIORAD Gel Doc Go	2022	Dr Parthasarathi Behera Mob: 8414010767 Dept: Vety. Biochemistry	Visualization and documentation of nucleic acids and proteins	Working	Yes	Yes	Rs. 200/- per sample

14	Semimotorized Rotary Microtome (Leica RM-2245)	2008	Dr. P. C. Kalita Mob:9436365873 Dept: Vety. Anatomy	100%	Working	Yes	Yes	100/Sample for other than CAU students.
15	Trinocular Research Microscope BX-51(Olympus)	2008	Dr. A. Kalita Mob: 7002560035 Dept: Vety. Anatomy	100%	Working	Yes	Yes	100/Sample for other than CAU students
16	Microscope (Trinocular) Olympus	01/07/06	Dr. KalyanSarma Mob:8006400472 Dept. of VMD	Examination ofMicroscopic structures	Working	Yes	Yes (time to time)	NA
17	Endoscope with accessories: LCD Display, field of view 140°	12/03/09	Dr. S.K. Behera Mob: 8414007894 Dept. of VMD	Examination of gastrointestinal tract	Working	Yes	Yes (time to time)	Rs. 200/-

18	Dart Gun/Injection Rifle	20/05/13	Dr. Kalyan Sarma Mob:8006400472 Dept. of VMD	To tranquilise wild animals	Working	Yes	Yes (time to time)	NA
19	Passive Avoidance Test Apparatus	27.04.2007	Dr.C.Lalmuanthanga, 8974057905/9436146015 , Dept. of Vet. Pharma. & Toxicology	To test the memory effect of drug/substance in lab. animals	Working	Yes	Yes	NA
20	Spectrofluorometer , Hitachi, F-7000	12.03.2009		To detect chemical/drug	Working	Yes	Yes	NA
21	Ultrasonic Homoginizer	07.02.2011	Dr.C.Lalmuanthanga, 8974057905/9436146015 , Dept. of Vet. Pharma. & Toxicology	To homogenise the samples into small fragments	Working condition	Yes	Yes	NA
22	Microwave Digestion System	03.10.2013	Dr. C. Lalmuanthanga, 8974057905/9436146015 , Dept. of Vet. Pharma. & Toxicology	Preparation of samples for further analysis, especially for AAS	Working condition	Yes	Yes	NA

23	Physiograph with organ bath	24.07.2014	Dr. C. Lalmuanthanga, 8974057905/9436146015, Dept. of Vet. Pharma. & Toxicology	To analyse the effect of drugs in isolated tissues	Working condition	Yes	Yes	NA
24	Fully Automated Random Clinical Analyser, EM Destiny - 180	19.06.2014	Dr. C. Lalmuanthanga, 8974057905/9436146015, Dept. of Vet. Pharma. & Toxicology	To analyse blood biochemical profile from biological samples	Working condition	Yes	Yes	NA
25	Master Cycler Gradient	2021	Dr. T. K. Rajkhowa, 9436142693 (M) Dept: Vety Pathology	Functioning	Yes	Nil	Yes. With all the researcher of CVSc & AH	NA
26	Real time PCR machine (Qiagen)	2021	Dr. T. K. Rajkhowa, 9436142693 (M) Dept: Vety Pathology	Functioning	Yes	Nil	Yes. With all the researcher of CVSc & AH	NA
27	Trinocular research microscope	2005	Dr. T. K. Rajkhowa, 9436142693 (M)	Functioning	Yes	Nil	Yes. With all the researcher	NA

			Dept: Vety Pathology				of CVSc & AH	
28	CO2 Incubator	2021	Dr. T. K. Rajkhowa, 9436142693 (M) Dept: Vety Pathology	Functioning	Yes	Nil	Yes. With all the researcher of CVSc & AH	NA
29	Microscope inverted Olympus	2005	Dr. T. K. Rajkhowa, 9436142693 (M) Dept: Vety Pathology	Functioning	Yes	Nil	Yes. With all the researcher of CVSc & AH	NA
30	High speed Refrigerated Centrifuge Machine	23/10/08	Dr.Gautam Patra Mob:8584900465 Dept. of VPA	Molecular work related to DNA extraction from different parasites	Working	Yes	Yes (time to time)	NA
31	Trinocular Research Microscope	11/06/08	Dr.Gautam Patra Mob:8584900465 Dept. of VPA	Examination of haemoparasites and parasitic stages and their measurements	Working	Yes	Yes (time to time)	NA

32	Thermo Forma Vertical Ultra Freezer (USA make)	15/11/08	Dr.Gautam Patra Mob:8584900465 Dept. of VPA	Preservation of parasitic specimens and chemicals and also DNA material	Working	Yes	Yes (time to time)	NA
33	Clinical auto analyser FUJIFILM DRChem	2013	Dr M Ayub Ali Mob: 9436153349 Dept: Veterinary Biochemistry	Analyse the blood bichemistry	Working	Yes	Yes	NA
34	Sperm Class analyzer (CASA)	2008	Dr. K. Lalrintluanga 9436142669 Dept: VGO	Motility analysis of spermatozoa (Semen evaluation)	Working (Update of software is required)	Yes	Yes	Free
35	Spectrofluorometer , Perkin Elmer LS-55	2007	Dr. BK. Das, Dept. of ANN, Mob : 7005126488	It is for Enzyme kinetics study and Mycotoxin and Vitamin Estimation	Repairable	Yes	No	NA
36	Feed Grinder & Mixer, Lark Engineering	2010	Dr. R. Buragohain, Dept. of ANN, Mob : 9436354831	It is for processing of feed ingredients	Working	Yes	Yes	NA

