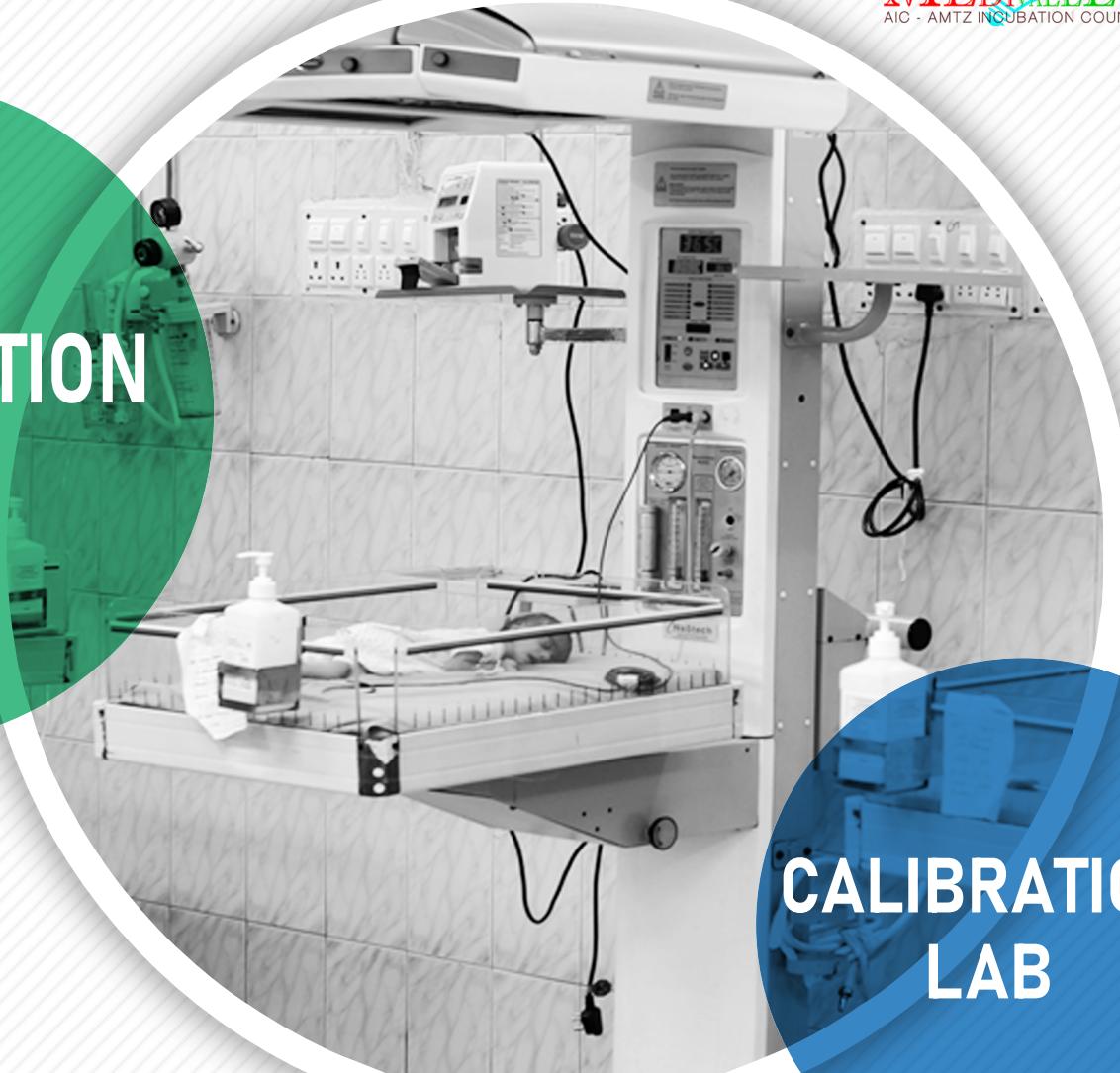


CALIBRATION LAB



CALIBRATION LAB

S.NO	Calibration Equipment	Applicable standards	Test parameters
1	Vital Signs Simulator Make/ model: Rigel/Uni-Sim	IEC 60601-2-25 IEC 60601-2-27 IEC 60601-2-34 IEC 60601-2-47	<ul style="list-style-type: none"> ECG SpO₂ NIBP
2	Electrical safety analyzer Make/Model: Rigel/288+	IEC 60601-1 IEC 62353	<ul style="list-style-type: none"> Earth bond test Leakage current test Insulation resistance test
3	Electrosurgical analyser Make/ model: Rigel/Uni-Pulse	IEC 60601-2-2	<ul style="list-style-type: none"> Output power REM test
4	Defibrillator analyzer Make/ model: Rigel/Uni-Pulse	IEC 60601-2-4 IEC 60601-2-31	<ul style="list-style-type: none"> Output Energy Charge time
5	Incubator analyzer Make/Model:Fluke/Incu II	IEC 60601-2-19 IEC 60601-2-20 IEC 60601-2-21	<ul style="list-style-type: none"> Temperature Sound level Humidity Air flow
6	Gas Flow analyzer with vapour Make/Model:Fluke/VT900A	IEC 60601-2-12	<ul style="list-style-type: none"> All ventilator parameter Vapor
7	Infusion device analyzer Make/Model:Fluke/IDA5/2	IEC 60601-2-24	<ul style="list-style-type: none"> Flow Volume occlusion
8	LUX meter	-	<ul style="list-style-type: none"> LUX Luminesce
9	Tachometer	-	<ul style="list-style-type: none"> RPM
10	Standard weight	IS 2489 (1963)	<ul style="list-style-type: none"> Kg
11	Lung simulator with gas flow analyzer	ISO 80601-2-12 ISO 80601-2-80	<ul style="list-style-type: none"> Volume mode Pressure mode

About :

Calibration of medical devices plays a very vital role in hospital ecosystem, as it ensures safety, accuracy and effectiveness of the device. The testing and calibration facility at AIC – AMTZ Medi Valley Incubation Council is equipped with state-of-the-art biomedical calibrators on par with national & international standards to test and calibrate 20+ medical devices with the current capability.





Electrical Safety Analyzer



Vital Signs Simulator



Electrosurgical Analyzer



Incubator Analyzer



Defibrillator Analyzer



Gas Flow Analyzer



Infusion Device Analyzer



S.NO	Medical Devices Item	Parameters
1	Patient Monitor	Electrical Safety Test (EST), ECG, NIBP, SpO2
2	ECG Machine	EST, ECG
3	Pulse Oximeter	EST, SpO2
4	BP monitor and BP apparatus	Pressure
5	Defibrillator	EST, Energy, Charge Time, ECG
6	Electrosurgical unit	EST, Output power
7	Ventilator	EST, Flow, O2%, PEEP, Tidal; Volume, I:E Time
8	CPAP/BIPAP	Flow, Tidal volume
9	Syringe pump	Flow, Volume, Occlusion
10	Infusion pump	Flow, Volume, Occlusion
11	Pressure gauge	Pressure
12	Flow meter	Pressure volume
13	OT Table	EST
14	Tread Mill Test	ECG, EST
15	Pacemaker	Amplitude
16	Suction Apparatus	Pressure
17	Anaesthesia machine	Vapor, EST, Flow, O2%, PEEP, Tidal; Volume, I:E Time
18	Boyles Apparatus	Flow rate
19	OT light	LUX, Luminance
20	Centrifuge	Speed, RPM
21	Digital/ Analog Weight	Kg
22	Temperature measurement	°C / F
23	Oxygen concentrator	Flow, O2
24	All medical equipment with power	Electrical safety: Earth bond, Earth leakage, Enclosure leakage, patient leakage
25	Performance of ventilator	Volume Mode, Pressure Mode

CALIBRATION LAB

```

MIRROR_mod = modifier_object
# mirror object to mirror
operation == "MIRROR_X"
MIRROR_mod.use_x = True
MIRROR_mod.use_y = False
MIRROR_mod.use_z = False
# operation == "MIRROR_Y"
MIRROR_mod.use_x = False
MIRROR_mod.use_y = True
MIRROR_mod.use_z = False
# operation == "MIRROR_Z"
MIRROR_mod.use_x = False
MIRROR_mod.use_y = False
MIRROR_mod.use_z = True

selection at the end -add
obj.select=1
obj.select=1
context.scene.objects.active
("Selected"+ str(modifier))
obj.select = 0
 bpy.context.selected_objects
data.objects[one.name].sel
int("please select exactly
OPERATOR CLASSES

types.Operator):
X mirror to the selected
object.mirror_mirror_X"
mirror X

context):
text.active_object is not

```

AIC-AMTZ MEDIVALLEY INCUBATION COUNCIL

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