

JK Lakshmipat University, Jaipur

Note

Date: 22.07.2020

Subject: Submission of Lab Audit Report of Academic Session 2019-20

Respected Sir,

As per the Office Order No. JKL/07-2020, Dated July 07, 2020, please find the attached Lab Audit and Lab Safety Audit Report of Academic Session 2019-20.

Thanking You.

With Regards



(Dr. Dinesh Kumar Sharma)
Professor



JK Lakshmipat University, Jaipur

Report of Lab Audit 2019-20

Date: July 22, 2020

The Internal Lab Audit was conducted from 13th July to 17th July, 2020 at JK Lakshmipat University by committee member as formed by the Competent Authority.

A meeting of Lab Audit team was scheduled on July 10, 2020 to set the procedures to pursue the audit. Committee on Lab Audit constituted as below to conduct internal lab audit.

- Dr. Dinesh Kumar Sharma (Professor), Chairperson
- Dr. Kedar Sharma (Associate Professor), Member
- Mr. Saurabh Virmani (Senior Manager – Administration), Member

Physical Verification Report:

Lab No.	Lab Name	Observation
011	Physics Lab	7 equipment are not in working condition. 1 equipment was found damaged.
007	Chemistry Lab	All equipment is in working condition. They arranged all the equipment systematically.
106	Heat & Mass Transfer Lab	Sensor and water pump of equipment are not working properly. Stefan Boltzmann Constant Apparatus is not in working condition.
107	Process Dynamics and Control Lab	All the equipment are in working condition.
101	Chemical Reaction Lab	All the equipment is in working condition.
003	Concrete Technology Lab	13 equipment were found damaged.
002	Geotechnical Engineering Lab	11 equipment were found damaged.

Signature

Signature

7315217

001	Fluid Mechanics Lab	All equipment are in working condition except Pilton wheel turbine & Reynolds apparatus.
110	Environmental Engineering Lab	All equipment is in working condition. They arranged all the equipment systematically.
002	Surveying Lab	All equipment are in working condition.
109	Transportation Engineering Lab	All equipment are in working condition except one electric heater that is damaged.
002	Engineering Geology Lab	All equipment are in working condition. Hand Specimen of Rocks, Size 3" Approx. Laminated & Printed Label', 1 was missing.
002	Linux Lab	All e-machines are in working condition except two machines which are in under repair.
001	Compiler Lab	All e-machines are in working condition except two machines which are in under repair.
105	Networking and Language Lab	All e-machines are in working condition
	Simulation Lab	All e-machines are in working condition
112	Industrial Electronics Lab	All equipment are in working condition except VI Characteristics of DIAC, Single Phase SCR Power Module and Chopper/Inverter PWM Controller.
113	Renewable Energy System Lab	All equipment are in working condition except 0-30 volt, 5Amp.DC Power supply.
112	Network Analysis and Synthesis Lab	All equipment is in working condition. They arranged all the equipment systematically.
113	Power System Switchgear & Protection Lab	All equipment is in working condition. They arranged all the equipment systematically.
113	Linear Control System Lab	All equipment are in working condition except SON-01, which has send for repairing.
111	Analog electronics Lab	All equipment are in good working condition.
108	EMI Lab	All equipment are in good working condition.
113	LIC Lab	All equipment are in good working condition.
113	EDC Lab	6 equipment were found damaged not to be repaired.
102	VLSI and Embedded System Lab	All equipment are in good working condition.
108	Analog Communication Lab	All equipment are in good working condition.
108	DE Lab	All were in use except encoder and decoder. Encoder and decoder not in working condition and need repair.
108	Digital Communication Lab	Four equipment are not in working condition

Bhm

[Signature]

31/2/17

111	Microwave Engineering Lab	All equipment are in working condition. Power supply of 1 Gunn & 3 klystron is not in working condition
111	Microprocessor Lab	All equipment are in good working condition.
111	Antenna and Wave Propagation Lab	All equipment were in good working condition.
006	RAC (Refrigeration & Air-conditioning) Lab	Cube ice box 6 in quantity and water pump seal were found damaged. 5 equipment require rubber coting. Sensor of 3 equipment are not working properly.
005	Strength of Material Lab	Three equipment are not in working condition. 6 equipment were found damaged and required repair.
005	DOM Lab	All equipment are in good working condition.
005	KOM Lab	All equipment are in good working condition.
008	Automobile Engg Lab	Four equipment are not working properly. Two equipment were found damaged One equipment are missing i.e. water tank cape for 1000 Ltr.
008	IC Engine and Thermal Engg. Lab	All equipment are in working condition, and all are arranged very systematic in the lab.
009	Machine Tool Lab	All equipment are in working condition and all are arranged very systematic in the lab.
010	CNC (CAD & CAM) Lab	Two equipment were found damaged. One equipment are not in working condition.
012	Hydraulic Machine Lab	All equipment are in working condition.
002	Workshop	9 Equipment were found damaged and some need to repair. Two equipment are not in working condition. Cylinder of oxygen, acetylene, acetylene regulator watch are need to refilling.
002-IoD	Makers Space Lab	Three equipment were found damaged.
	Studio Lab	All Equipment are in working condition.

Note: All the entries have been verified in stock register available in labs.

Recommendations:

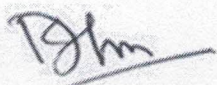
1. Lab staff should manage the equipment in proper operating condition.
2. Laboratory should facilitate the required components and instruments for project and research work.

Signature

Signature

Signature

3. All safety instructions, list of experiments, and required lab instructions should be displayed in all labs.



(Dr Dinesh Kumar Sharma)

