

JK Lakshmipat University, Jaipur

Note

Date: 28.05.2018

Subject: Submission of Lab Audit Report of Academic Session 2017-18

Respected Sir,

As per the Office Order No. JKL/05-2018, Dated May 14, 2018, please find the attached Lab Audit and Lab Safety Audit Report of Academic Session 2017-18.

Thanking You.

With Regards



(Dr. Devika Kataria)
Associate Professor



JK Lakshmipat University, Jaipur

Report of Lab Audit 2017-18

Date: May 28, 2018

The Internal Lab Audit was conducted from 21st May to 25th May, 2018 at JK Lakshmipat University by committee member as formed by the Competent Authority.

A meeting of Lab Audit team was scheduled on May 18, 2018 to set the procedures to pursue the audit. Committee on Lab Audit constituted as below to conduct internal lab audit.

- Dr. Devika Kataria (Associate Professor), Chairperson
- Mr. Gireesh Kumar (Assistant Professor), Member

Physical Verification Report:

Lab No.	Lab Name	Observation
011	Physics Lab	6 equipment are not in working condition. 3 equipment were found damaged.
007	Chemistry Lab	All equipment are in working condition except 2 were found damaged.
011	Heat & Mass Transfer Lab	All the equipment are in working condition.
006	Mechanical Operations Lab	All the equipment are 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. Two equipment were found damaged.
003	Concrete Technology Lab	10 equipment were found damaged.
002	Geotechnical Engineering Lab	Four equipment are not in working condition.
001	Fluid Mechanics Lab	All equipment are in good working condition.

Dr. Devika Kataria

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110	Environmental Engineering Lab	All equipment are in good working condition.
109	Surveying Lab	All equipment are in good working condition.
109	Transportation Engineering Lab	All equipment are in good working condition.
003	Engineering Geology Lab	Hand Specimen of Rocks, Size 3" Approx. Laminated & Printed Label', 1 was missing.
002	Linux Lab	All computers are in working condition.
001	Compiler Lab	All computers are in working condition.
105	Networking Lab	All computers are in working condition.
105	Language Lab	All computers are in working condition.
	Simulation Lab	All computers are in working condition.
112	Industrial Electronics Lab	All equipment are in working condition. They arranged all the equipment systematically.
113	Renewable Energy System Lab	Two equipment are under repairing.
112	Network Analysis and Synthesis Lab	All equipment are in working condition.
113	Power System Switchgear & Protection Lab	All equipment are in working condition.
113	Linear Control System Lab	Two equipment are not in working condition.
010	Electrical and Electronics Lab	Five equipment are not in working condition.
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	All equipment are in good working condition.
102	VLSI and Embedded System Lab	All equipment were in good working condition.
108	Analog Communication Lab	All equipment were in good working condition.
108	DE Lab	Two equipment are not in working condition.
108	Digital Communication Lab	Three equipment are not in working condition and need repairing.
111	Microwave Lab	All equipment were in good working condition.
111	Microprocessor Lab	All equipment were in good working condition.
111	Antenna and Wave Propagation Lab	All equipment were in good working condition.
006	RAC (Refrigeration & Air-conditioning) Lab	All equipment are in working condition, and all are arranged very systematic in the lab.

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005	Strength of Material Lab	All equipment are in working condition, and all are arranged very systematic in the lab.
005	Theory of Machine Lab	All equipment are in working condition.
008	Automobile Lab	All equipment are in working condition, and all are arranged very systematic in the lab.
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.
010	CNC (CAD & CAM) Lab	All equipment are in working condition, and all are arranged very systematic in the lab.
012	Hydraulic Machine Lab	All equipment are in working condition, and all are arranged very systematic in the lab.
002	Workshop	All equipment are in working condition, and all are arranged very systematic in the lab.

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

Recommendations:

1. Lab staff should manage the equipment in proper operating condition.
2. Those equipment are not working state must be repaired at the earliest.
3. Laboratory should have the lab manual for each lab experiment.
4. Safety instructions should be displayed in all labs.

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