

INTERNAL AUDIT CORRECTION REPORT

Academic Year 2021-22

DQAC		DATE	25/07/2022
PROCESS	Academic Process (Depart	and the second se	iter Science and Engineering)
Auditors	 Dr. M.P Singh Dr. Sandeep Vyas 	Auditees	CSE Faculties
Observers			

S. No.	Observation	Туре	Correction
1	Course File (Mr. Amit Mitthal)	SI	Minor corrections are required
2	Academic Diary (Mr. Abhishek Jain)	SI	Ok
3	Defaulter list (All CC's)	SI	In process
4	Mapping of all subjects	SI	Completed
5	CO, PO and PEO	SI	Ok
6	Mapping	SI	Completed
7	Student feedback analysis index	SI	Completed
8	Alumni feedback analysis index	SI	Ok
9	Remedial Lectures	0	In process
10	Advance Learners	0	In process
11	Slow learners efforts taken	SI	Ok
12	Add on Courses	SI	Ok
13	Seminars/ Guest Lectures	0	Completed
14	Social Activities/ Ethical/ Moral value education	0	In process
15	Higher Education data	SI	Completed
16	Internship data	SI	Ok
17	Student final year project	0	Completed
18	Exam record	SI	Ok
19	Existing submission	0	Maintained in soft & hard copy
20	Training needed identification teaching, nonteaching	0	In process
21	Budget	0	In process
22	Library details	SI	Minor corrections are required
23	FDP/ Publications	0	In process
24	Curricular and co-curricular activities	SI	In process

*O - Observation and SI - Sample Inspected

Auditors

1. Dr. M.P Singh

2. Dr. Sandeep Vyas

Dr. Sanjay Gour (HOD, CSE)

PRINCIPAL

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE DEPARTMENT OF MECHANICAL ENGINEERING

NOTICE

Date: 09-July-2022

Subject: Lab Audit

Lab audit in reference to stock will be conducted from 11-07-2022 to 16-07-2022. As per the below list all are requested to update and verify their respective lab stock registers in accordance with available machines and equipments. Audit member –

1. Dr. Man Mohan Siddh any

Sr. No.	Name of Laboratory	Schedule	Lab Incharge
1.	Workshop I & II	11-07-2022	Mr. Satyaprakash Saini
2.	Production Practice Lab	12-07-2022	Mr. Rajendra Kumar Gupta
3.	Materials Testing Lab	12-07-2022	Mr. Hukum Chand Nagar
4.	Theory of Machines Lab	13-07-2022	Mr. Lalit Kumar Sharma
5	Vibration Lab	13 - 07 - 2022	Dr. Manoj Gupta
6.	Basic Mechanical Engineering Lab	13-07-2022	Mr. Dayal Singh Rathore
7.	Industrial Engineering Lab / Quality Control Lab	14-07-2022	Mr. Akhil Vijay
8.	Heat Transfer Lab	14-07-2022	Mr. Akhilesh Paliwal
9.	Thermal Engineering Lab	14-07-2022	Mr. Ravi Yadav
10.	Fluid Mechanics Lab	15 - 07 - 2022	Mr. Satyaprakash Saini Jakja
11.	Production Engineering Lab / Metrology Lab	15-07-2022	Ms. Palak Jindal / Dr. Man Mohan Siddh Ve.
12.	Machine Drawing	15-07-2022	Dr. Man Mohan Siddh
12.	CIMS Lab	16 - 07 - 2022	Mr. Yogesh Dubey
13.	MAT Lab	16-07-2022	Mr. Hemant Bansal/ Dr. Manoj Gupta
14.	FEA Lab	16-07-2022	Mr. Hemant Bansal

2. Dr. Manoj Gupta di og/07/22

Dr. M. P. Singh Head of Department Head of the Department Mechanical Engineering JECRC, Jaipur



JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Audit members (Signature)	8 9 10	clearing sequised for all dathe ryc.	Sr. Comments No.	Department of Mechanical Engineering Lab Andit Report Name of Laboratory: Manufaired of Practices Workshop (Machine Chop Lab Incharge: Niz. Cestra Prapher, Chin Lab Technician: Nez. Rejender Siegh Nagaka Audit Date: 11/7/2022 Siegh Nagaka Audit member: pr. Man Norton Siddh, & Dr. Manoj Unptra
Head of ARA DBEPATER Head of ARA DBEPATER Mechanic Signating JECRC, Jaipur		che Gaby	Lab In char (Signature	

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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Manufacturing Practices Workshop (Machine Shop) Lab Incharge: Mr. Satya Prakash Saini Lab Technician: Mr. Rajendra Singh Naruka Audit Date: 11-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Comments Action Taken					
1.	Proper cleaning required for all lathe m/c	Lab auditor advised the concerned in charge for cleaning	Cleaned				
2.	Sample lab manual required	Lab auditor suggested for preparing of sample lab manual	Repaired				
3.	Stock is not update	Lab auditor suggested for updating of stock	Updated				
4.	Power hacksaw is not in working condition	Lab auditor advised the Maintenance of Power hacksaw	Repaired				
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Signature of the HOD with Seal Signature of the Lab Audit Experts

Head of the Department Mechanical Engineering JECRC, Jaipur

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JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Audit members (Signature)	8	Repairing of when such and such	ing hammer (STECRIM	Lab Audit Report Lab Audit Report Name of Laboratory: Manufacturing Practices Lab Incharge: Mis. Satya Prakath Califi Lab Technician: Mis. Narender Sign. Audit Date: 1117/2022 Audit member: Dr. Non Mohon Siddh & M
Head of Departies Head of Departies Head of Utel Head of Departies Head of Departies		clarps (ients Lab In char (Signature) SB/25C/25E/25F) Sequired maintenance 2 Laby	Department of Mechanical Engineering Bachices Workshop (Weldig Shap) Sari Session: 2022-23 Session: 2022-23



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Manufacturing Practices Workshop (Welding Shop) Lab Incharge: Mr. Satya Prakash Saini Lab Technician: Mr. Rajendra Singh Naruka Audit Date: 11-07-2022 Session: 2022-2023

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	Chipping hammer (JECRC/ME/WS/WS/25B /25C/25E/25F) required maintenance	Lab auditor suggested for sharpening of chipping hammer	Sharpened
2.	Changing of hand screen glass	Lab auditor suggested for purchasing of hand screen glass Letter send to HOD regarding purchasing of hand screen glass	Approved for purchasing
3.	Lighter required for Glass welding	Lab auditor suggested for purchasing of Lighter Letter send to HOD regarding purchasing of Lighter	Approved for purchasing
4.	Repairing of welding M/C ear thing clamps	Lab auditor suggested for repairing of welding M/C ear thing clamps	Repaired
5.	Sample lab manual required	Lab auditor suggested for Sample lab manual	Prep aired
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Head of the Department Mechanical Engineerisig



JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Mechanical Engineering

Audit members winit Audit member: Audit Date: Name of Laboratory: Sr. un 4 No. Lab Incharge: 0 00 -1 6 w Lab Technician: 10 N (Signature) Sample manual Lab Audit Report More Solderia Dr Man Le. Saty grendela 2022 Many faitules. Shin Motion Siddh Crew C Pocha hegeised Reguined AN Practices Worldhop (Pin Snithy Shate 0 Comments Dr. Mang unptr. Session: 2022-23 Head of tead or the patter Head of tead or the patter Incchanica Jaipur Lab In char (Signature ARA



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Manufacturing Practices Workshop (Tin Smithy Shop) Lab Incharge: Mr. Satya Prakash Saini Lab Technician: Mr. Rajendra Singh Naruka Audit Date: 11-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Comments Action Taken				
1.	Sample Manual required	Lab auditor advised the concerned faculty for preparing sample manual	Prep aired			
2.	More soldering iron required	Lab auditor suggested for purchasing soldering iron Letter send to HOD regarding the purchasing more soldering iron	Approved for purchasing			
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JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

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Headower De Bauminer				1 sequised		Hart	Lal (S	Session: 2022-23 Dr. Monej Muhtu	Workshop (Atting Shop)	
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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Manufacturing Practices Workshop (Fitting Shop) Lab Incharge: Mr. Satya Prakash Saini Lab Technician: Mr. Hemant Naiwal Audit Date: 11-07-2022 Session: 2022-23 Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	More steel rule required	Lab auditor suggested for purchasing of steel rule Letter send to HOD regarding purchasing the steel rule	Approved for purchasing
2.	Drill bit required	Lab auditor suggested for purchasing of drill bit Letter send to HOD regarding purchasing the drill bit	Approved for purchasing
3.	Some bench vices in loose condition	Lab auditor suggested for tighten the bench vice	Tightened
4.	Maintenance required for hacksaw frame	Lab auditor advised the Maintenance of hacksaw frame	Repaired
5.	Sample lab manual required	Lab auditor suggested for Sample lab manual	Prep aired
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Signature of the HOD with Seal Signature of the Lab Audit Experts

Head of the Department Mechanical Engineering JECRC, Jaipur

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JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Mechanical Engineering

Audit members Name of Laboratory: Many Leubury Sr. Audit member: No. Audit Date: un 4 w ab Technician: ab Incharge: M2. Jatya 9 ∞ -1 0 N 10 (Signature) Lab Audit Report Mare More SHU Sule child MAS 5 2022 Many Mohon Giddh Hencast Nausa Securised as Sequised. Praksph Clat chisel Practices worldshop (Carpentry Shop 0 Comments Dr. Marin Calpta Session: 2022-23 Orner chisel, firmer chised Head of Head of hir chanical (Sigh JECRC, Japature) R Lab In char Q Partment (Signature Kel Depathi K



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Manufacturing Practice Workshop (Carpentry Shop) Lab Incharge: Mr. Satya Prakash Saini Lab Technician: Mr. Hemant Naiwal Audit Date: 11-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	More chisel required as flat chisel, corner chisel and firmer chisel	Lab auditor suggested for purchasing of more chisel required as flat chisel, corner chisel and firmer chisel Letter send to HOD regarding the purchasing of chisel	Approved for purchasing
2.	More still rule required	Lab auditor suggested for purchasing of more still rule Letter send to HOD regarding the purchasing of still rule	Approved for purchasing
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Mechanical Engineering ECRC, Jaipur

Signature of the HOD with Seal Signature of the Lab Audit Experts Head of the Department



JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Mechanical Engineering

Audit members Name of Laboratory: Audit member: Sr. Audit Date: 11/2/2022 Lab Incharge: 4 w N No. Lab Technician: ∞ 1 6 UN 10 9 (Signature) Lab Audit Report More Pattern Me. In May Mohow Me. Costa Many fair Hennant Loguited " rokoji tra-Nailesel diddh. Ceuro. Practices workshop Comments D pr. Moning Unife tr Session: 2022-23 (foundary Shop Head Header Persartin Head Header Persartin Mechanid Signature) Mechanid Signature) NX X Lab In char (Signature Di. 545



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Manufacturing Practices Workshop (Foundry Shop) Lab Incharge: Mr. Satya Prakash Saini Lab Technician: Mr. Hemant Naiwal Audit Date: 11-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	More pattern required	Lab auditor suggested for purchasing of more Pattern Letter send to HOD regarding purchasing the Pattern	Approved for purchasing
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Signature of the HOD with Seal Signature of the Lab Audit Experts

Head of the Department Mechanical Engineering JECRC, Jaipur

Date: July 11, 2022

The HOD, Department of Mechanical Engineering Jaipur Engineering College and Research Centre Jaipur (Rajasthan)

Subject: Regarding Purchasing in Manufacturing Practices Workshop

Respected Sir,

With Reference to mention subject Manufacturing Practices Workshop requires purchasing of various items listed below.

Shop	Quantity 91
Welding	6-4026-2
Welding	Quantity 6 - 40x6 - 21 2 - 30x2 = 2 8 - 30x8 = 2 2 - 150x2 = 30
Fitting	8 - 30 8 = 2
, Fitting	2 - 150 10 2 = 30
Foundry	6 - 5076 = 300
Carpentry	8 - 100/08280
Carpentry	8 - 30 8 = 2
Tin Smithy	$\frac{6 - 50 \times 6 = 30}{8 - 100 \times 8^2} \frac{8}{2} - 30 \times 8 = 21$
	2 - 15 ×2=3 Topul - 24 Nophray - 2480 Ps
	xppmy - 2480 FS
	Welding Fitting Fitting Foundry Carpentry Carpentry

Yours Faithfully

Mr. Satya Prakash Saini

Lab In charge (Manufacturing Practices Workshop)

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Dr. Man Mohan Siddh Overall Lab In charge

Dr. M.P. Singh Head of Department "-chanical Engineering JECRC, Jahour

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JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Audit members Name of Laboratory: Sr. No. Audit member: By Mary Motor Gddh Audit Date: un 4 w Lab Technician: M.S. 10 9 8 0 N ab Incharge: (Signature) Sand Lab Audit Report Gre JECRCI ME IPP/9913 JECREIME JECREIME TECRIME IPPINIS Hardben R Permeaboli 5 act 22 Keyendre Production 00 Kajerska 0 tester 36A 7 Sig Number Komes inpta append frade Head Stork Lat whigh soon 0 Not working ba rature hot Practice 3 P Department of Mechanical Engineering lecro Comments 3 Place booke pri Mang Mupta lever Session: 2022-23 Lot Unley 6 marco bet Property 220 oraber Cinnis Head of Depart JEC BC Lab In char (Signature 3 R R 15-



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Production Practice Lab Incharge: Ms. Palak Jindal Lab Technician: Mr. Rajendra Singh Naruka Audit Date: 12-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	JECRC/ME/PP/22B Head stock not working properly	Lab auditor advised the concerned technical staff for maintenance	Done
2.	JECRC/ME/PP/41B Gear engage plate broken	Lab auditor advised the concerned technical staff for maintenance	Under maintenance
3.	JECRC/ME/PP/36A Gear engage lever not working properly.	Lab auditor advised the concerned technical staff for maintenance	Done .
4.	JECRC/ME/PP/05 Milling m/c head not working properly	Lab auditor advised the concerned technical staff for maintenance	Done
5.	Sand permeability apparatus requires maintenance	Letter send to HOD regarding maintenance	Under maintenance
6.	Core hardness tester not in working condition	Letter send to HOD regarding maintenance	Under maintenance
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Signature of the HOD with Seal Signature of the Lab Audit Experts

Head of the Department Mechanical Engineering JECRC, Jaipur



JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Mechanical Engineering

Lab Audit Report

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Audit members (Signature) Head of Department (Signature)	10%							MEIMOSTIC ANALL GU	•	Enery po	JECRCIMEINOSIOS Shring Lesting M/C hot waking property	(Signature	Comments Lab In char		1 Motor Siddh & Dr. Manoj unpty	Audit Date: 12/7/22 Session: 2022-23	J.		Name of Laboratory: Material Nestig Lab

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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Materials Testing Lab. Lab Incharge: Mr. Hukum Chand Nagar Lab Technician: Mr. Hanuman Prasad Saini Audit Date: 12-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	JECRC/ME/MOS/03 Spring testing m/c not working properly	Lab auditor advised the concerned technical staff for maintenance	Repaired
2.	JECRC/ME/MOS/04 Emery paper required for polishing m/c	Lab auditor suggested for purchasing of Emery paper Letter send to HOD regarding the purchasing Emery paper	Approved for purchasing
3.	JECRC/ME/MOS/02 Fatigue testing m/c required maintenance (Digital counter)	Lab auditor advised the concerned technical staff for maintenance	Done
4.	JECRC/ME/MOS/15 Digital counter not working properly	Lab auditor advised the concerned technical staff for maintenance	Done
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Signature of the HOD with Seal Signature of the Lab Audit Experts Head of the Department Mechanical Engineering JECRC, Jaipur

Date: July 12, 2022

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To The HOD, Department of Mechanical Engineering Jaipur Engineering College and Research Centre Jaipur (Rajasthan)

Subject: Regarding Requirement of Materials Testing Lab. Respected Sir,

With Reference to mention subject Materials Testing Lab requires Emery paper for polishing m/c.

S No.	Equipment/Part	Quantity	150 2 = 300
1.	Emery paper for polishing m/c	02	10
y do the n	eedful.	Approx -	305 fr.
ing You.		April	

Kindly do the needful.

Thanking You.

Yours Faithfully

Mr. Hukum Chand Nagar Lab In charge (Material Testing Lab)

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Dr. Man Mohan Siddh Overall Lab In charge

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JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

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	Audit members (Signature)						•		Lahoel Balanica (JEERC/ME/DON/25) Not in working Interly	U CJECKC/KIE/L	Required Proper Connection of Acutic & Oynamic Releaning apparently		Comments	Audit member: pr. Mar Motor Siddh & Dr Mong Mupty	13/2122	Me. Narendso Si	Tab Incharge: Mr. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Department of Mechanical Engineering	
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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Theory of Machines Lab Incharge: Mr. Lalit Kumar Sharma Lab Technician: Mr. Narendra Singh Audit Date: 13-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr.	Comments	Action Taken	Remark
No.			
1.	Required proper connection of Static and	Lab auditor instructed the	Done
	Dynamic balancing apparatus	technical staff for proper	
	(JECRC/ME/DOM/19)	connection	
2.	Wheel balancing (JECRC/ME/DOM/25) not	Lab auditor suggested for	Under
	working properly	maintenance of wheel	maintenance
		balancing	
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Mechanical Engineering JECRC, Jalpur

Signature of the HOD with Seal Signature of the Lab Audit Experts Head of the Department Head of the Engineering



JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Audit members 110 Ivr (Signature)	6 7 9 10	Sr. No. 1 Ropes of Damage (Ja 2 JECRCIMETURS/03 3 JECRCIMETURS/03 4	Lab Audit Report Name of Laboratory: Gibration Lab. Lab Incharge: Dr. Manoj Unbota. Lab Technician: Mr. Chandre Prakast Audit Date: 18/22 Audit member: or Man Mahan Siddl
P.		Comments JECRCIMEIUII3 /04/ 05) Motal Annage, ail milling	Department of Mechanical Engineering nda. Prakagh Chothword . Prakagh Chothword . Session: 2022-23 Session: 2022-23
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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2021-22)

Name of the Department: Mechanical Engineering Name of Laboratory: Vibration lab. Lab Incharge: Dr. Manoj Gupta Lab Technician: Mr. Chandra Prakash Gothwal Audit Date: 11-07-2022 Session: 2021-22

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	JECRC/ME/VIB/02 (Hydraulic oil required)	Lab auditor suggested for purchasing Hydraulic oil Letter send to HOD regarding the purchasing Hydraulic oil	Approved for purchasing
2.	JECRC/ME/VIB/03 forced vibration (Motor not working)	Letter send to HOD regarding maintenance of JECRC/ME/VIB/03	Under maintenance
3.	JECRC/ME/VIB/04, 05 (Ropes damage)	Lab auditor suggested for purchasing Nylon wire Letter send to HOD regarding the purchasing Nylon wire	Approved for purchasing
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Signature of the HOD with Seal Signature of the Lab Audit Experts

Mechanical Engineering JECRC, Jaipur

Date: July 11, 2022

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The HOD, Department of Mechanical Engineering Jaipur Engineering College and Research Centre Jaipur (Rajasthan)

Subject: Regarding Requirement of Vibration Lab. Respected Sir,

With Reference to mention subject Vibration Lab requires Hydraulic oil for proper functioning of Damper.

S No.	Equipment/Part	Quantity	100 fr.
1.	Hydraulic oil	1 Ltr.	- 10 , 02 1
2.	Nylon wire	5 Mtr	INSPE RE
y do the r ing You.		Spr	- 180 k. 105 kr 105 kr 90tul 280 k.

Kindly do the needful.

Thanking You.

Yours Faithfully

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Dr. Manoj Gupta Lab In charge (Vibration Lab)

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Dr. Man Mohan Siddh Overall Lab In charge

Head of the Department Mechanical Engineering

JECRC, Jaipur Dr. M.P. Singh Head of Department



JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Mechanical Engineering

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Audit members (Signature)

Head of Departing

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Audit Date: 11/7 Lab Technician: Name of Laborate

Lab Audit R

Lab Incharge:

Audit member:



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Basic of Mechanical Engineering Lab Incharge: Mr. Dayal Singh Rathore Lab Technician: Mr. Rajendra Singh Naruka Audit Date: 11-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr.	Comments	Action Taken	Remark
No.			
1.	Proper arrangement of Lab required	Lab auditor advised the concerned faculty for proper arrangement of lab	Done
2.	Proper cleaning required	Lab auditor advised the concerned in charge for cleaning	Done
3.	Sticker on equipment required	Lab auditor advised the concerned technical staff for sticker	Done
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JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2021-22)

Name of the Department: Mechanical Engineering Name of Laboratory: Industrial Engineering Lab. Lab Incharge: Mr. Akhil Vijay Lab Technician: Mr. Hemant Naiwal Audit Date: 14-07-2022 Session: 2021-22

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Comments Action Taken					
1.	Systematic arrangement of equipment required	Lab auditor instructed the concerned technical staff for systematic arrangement	Done				
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Signature of the HOD with Seal Signature of the Lab Audit Experts

Head of the Department Mechanical Engineering JECRC, Jaipur



JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Audit members (Signature) Name of Laboratory: Sr. Audit member: A. Man Mohan Siddle Audit Date: UN w No. 4 2 ab Technician: Mr. Chandra Pratory Crothwar ab Incharge: 9 8 -1 5 10 Lab Audit Report JECRCIME/HT/12 JECKC (MG (HT ! 09 water drainage ECRCIME (HT/14 Mg. 14/17/2012-Alchi Leth Palivo Heat Manster Las. (circuit mointenance effice Loader Notworking 0 Department of Mechanical Engineering bumb Dr. Mang unpter Comments Lat work Session: 2022-23 Leghysed Property Head of Departing JECRC, Jainu 3 Lab In char (Signature



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Heat Transfer Lab. Lab Incharge: Mr. Akhilesh Paliwal Lab Technician: Mr. Chandra Prakash Gothwal Audit Date: 14-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	JECRC/ME/HT/09 Water pump not working properly	Letter send to HOD regarding purchasing	Approved for purchasing
2.	JECRC/ME/HT/12 required maintenance (Circuit maintenance required)	Lab auditor instructed the concerned technical staff for maintenance	Under maintenance
3.	JECRC/ME/HT/14 (Stefan Boltzmann Apparatus) not in working	Lab auditor instructed the concerned technical staff for maintenance	Under maintenance
4.	Water drainage problem in laboratory	Lab auditor instructed the technical staff	Under process
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Signature of the HOD with Seal Signature of the Lab Audit Experts

Mechanical Engineering JECRC, Jaipur

Date: July 14, 2022

To The HOD, Department of Mechanical Engineering Jaipur Engineering College and Research Centre Jaipur (Rajasthan)

Subject: Regarding Requirement of Heat Transfer Lab. Respected Sir,

With Reference to mention subject Heat Transfer Lab. requires following items.

2 - 2 - 305 Pr. BYPHAP 150x2-305 Pr. Equipment/Part S No. Water pump 1.

Kindly do the needful.

Thanking You.

Yours Faithfully

Mr. Akhilesh Paliwal Lab In charge (Heat Transfer)

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Dr. Man Mohan Siddh Overall Lab In charge

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Dr. M.P. Singh Head of Department nead of the wachanica: Engineerint FCRC. JAIDIN

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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Audit members (Signature)	Department of Mech Lab Audit Report Name of Laboratory: Resned Eigheerig Lab. Lab Incharge: Ma. Robi yadas Lab Technician: M.S. Chandel Pockash Unother Audit Date: 14/7/2022 Audit member: R. May Nohar Spidth & R. M. Sr. Comments No. 1 12 Regised hers model of thesnel eight 2 57 Resided hers model of thesnel eight 5 3 Maintenance Sequised Stocke Patrol Egile 5 3 Maintenance Sequised Stocke Patrol Egile 5 3 Maintenance Sequised Stocke (Mech 9 10	
Head of the parting Head of the Signature)	Department of Mechanical Engineering erig (ab. isthed) Session: 2022-23 i & Dr. Mar & cupts Comments Comments Comments Lab In char (Signature es nal capice 3. Two Stroke Diesel Qu tral Capice 3. Two Stroke Diesel Qu eckelmetre //1 eckelmetre //1	

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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Thermal Engineering Lab. Lab Incharge: Mr. Ravi yadav Lab Technician: Mr. Chandra Prakash Gothwal Audit Date: 14-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	Required new model of thermal lab 1. Model four stroke diesel engine 2. Four stroke petrol engine 3. Two stroke diesel engine 4. Two stroke petrol engine	Letter send to HOD regarding purchasing	Approved for purchasing
2.	Required chemical for orsat apparatus	Letter send to HOD regarding purchasing of chemical for orsat apparatus	Approved for purchasing
3.	JECRC/ME/TE/14 required maintenance	Lab auditor instructed the concerned technical staff for marking on some instruments	Pasted
4.	JECRC/ME/TE/17 required maintenance	Lab auditor suggested maintenance for some models	Done
5.	New carburetor required	Letter send to HOD regarding purchasing	Approved for purchasing
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Signature of the HOD with Seat Signature of the Lab Audit Experts

Had of the Department Mechanical Engineering JECRC, Jaipur

Date: July 14, 2022

The HOD, Department of Mechanical Engineering Jaipur Engineering College and Research Centre Jaipur (Rajasthan)

Subject: Regarding Requirement of Thermal Lab. Respected Sir,

With Reference to mention subject Thermal Lab requires following items.

S No.	Equipment/Part	Quantity	
1.	 Model four stroke diesel engine ii. Four stroke petrol engine iii. Two stroke diesel engine iv. Two stroke petrol engine 	01 Each	/
2.	Chemical for orsat apparatus		/
3.	Carburetor	1	-
y do the 1 ing You. illy		Approx - 1	132

Kindly do the needful.

Thanking You.

Yours Faithfully

To

Mr. Ravi Yadav Lab In charge (Thermal Lab)

Lenny

Dr. Man Mohan Siddh Overall Lab In charge

Head of Danetment



JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Audit members (Signature)	10 /	8	2	6	5	4	3	TM	1 , TECRUME/EM/05	No.	Sr.	Audit member: hr rby Ma	13	ian: Ma.	Name of Laboratory: The	14
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Head of Departing							Airo		C.	(Signature	Lab In char					



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Fluid Mechanics Lab Incharge: Mr. Satya Prakash Saini Lab Technician: Mr. Hanuman Prasad Saini Audit Date: 15-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

JECRC/ME/FM/03 Pitot tube apparatus +		
	Letter send to HOD	Under
Pipe friction apparatus maintenance required	regarding status of	maintenance
(U tube broken)	JECRC/ME/FM/03	
JECRC/ME/FM/05 Flow measurement by	Letter send to HOD	Under
Venturimeter, Orificemeter and Nozzle meter	regarding status of	maintenance
maintenance required (U tube broken)	JECRC/ME/FM/05	
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j v r	ECRC/ME/FM/05 Flow measurement by . Venturimeter, Orificemeter and Nozzle meter	ECRC/ME/FM/05 Flow measurement by Venturimeter, Orificemeter and Nozzle meter naintenance required (U tube broken) Letter send to HOD regarding status of JECRC/ME/FM/05

Signature of the HOD with Seal Signature of the Lab Audit Experts

Head of the Department Mechanical Engineering JECRC, Jaipur

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JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Mechanical Engineering

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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Production Engineering Lab / Metrology lab Lab Incharge: Ms. Palak Jindal / Dr. Man Mohan Siddh Lab Technician: Mr. Narendra Singh Audit Date: 15-07-2022 Session: 2022-23 Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	JECRC/ME/PE/019 Monochromatic check light (Light issue)	Lab auditor instructed the technical staff for resolve the issue	Ünder maintenance
2.	Proper cleaning of Surface Plate required	Lab auditor instructed the concerned technical staff for proper cleaning of surface plate	Properly cleaned
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Signature of the HOD with Seal Signature of the Lab Audit Experts

Head of the Department Mechanical Engineering JECRC, Jaipur



JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Mechanical Engineering

Lab Audit Report

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an Mohon had &
Audit Date: 18/7/2012- Session: 2022-23
Lab Technician:
Lab Incharge: Mr. Shrikant Bangal U
Name of Laboratory: Machine Drawing Practice lab

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Lab In char (Signature		Comments	Sr. No.
		May Mohoy God & Dr. Manoj nupto	Audit Date: 18/1/2012- Audit member: pr M

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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory: Machine Drawing Practice Lab. Lab Incharge: Mr. Shrikant Bansal/ Dr. Man Mohan Siddh Lab Technician: -Audit Date: 15-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	Maintenance of some drawing board required	Letter send to HOD regarding maintenance of drawing board	Repaired
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Head of the Department Mechanical Engineering JECRC, Jaipur



Audit members (Signature)	10	8	7	6	Л		24 menut	the mainte	1 Printer Lot working to	Sr. No.	11 1 1000	her: Day Alan	10100	Lab Incharge: 122. Jogeth Hubey	ratory: (IMS L	Lab Audit Report			JI
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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory – CIMS Lab Lab Incharge: Mr. Yogesh Dubey Lab Technician: Bir Singh Sirowa Audit Date: 16-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	Printer not working properly	Lab auditor instructed the technical staff for maintenance of printer	Repaired
2.	Update the maintenance record	Lab auditor instructed for updating the maintenance record	Record verified and updated
3.	Pc no. 24 Internet issue	Lab auditor instructed the technical staff for resolve the issue	Resolved
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Head of the Department Inchanical Engineering JECRC, Jaipur

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	

JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Mechanical Engineering

Audit memberse In/m (Signature)	10	9	8	7	6	ν,	4	colore c	2 Stranger		Sr.	Audit member:	5	Lab Inchaige: 1-5.	ati	Lab Audit Report
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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory – MAT Lab Lab Incharge: Dr. Manoj Gupta Lab Technician: Mr. Bir Singh Sirowa Audit Date: 16-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	Syllabus to be pasted on notice board.	Lab auditor suggested for syllabus on notice board	Done
2.	Update the maintenance record	Lab auditor instructed for updating the maintenance record	Record verification and updated
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Head of the Department JECRC, Jaipur

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IG COLLEGE CENTRE	* *

JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Audit members (Signature) Name of Laboratory: Audit member: Dr May Mary Motor Sideh No. Sr. Lab Technician: Mr. Con'A Audit Date: 16/7/2022 Lab Incharge: 8 1 6 UN 4 es 0 2 10 Lab Audit Report Update. Syllabur Mer the maintenance record to be Hemant FEA Lab. bested on retile books si gh Bar 5,70000 ses Department of Mechanical Engineering 20 Comments Dr. Session: 2022-23 Mang unpty Head of Departr Lab In char (Signature



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Mechanical Engineering

Lab Audit for year (2022-23)

Name of the Department: Mechanical Engineering Name of Laboratory – FEA Lab Lab Incharge: Mr. Hemant Bansal Lab Technician: Mr. Bir Singh Sirowa Audit Date: 16-07-2022 Session: 2022-23

Members of Staff Present: 1. Dr. Man Mohan Siddh 2. Dr. Manoj Gupta

Sr. No.	Comments	Action Taken	Remark
1.	Syllabus to be pasted on notice board	Lab auditor suggested for syllabus on notice board	Done
2.	Update the maintenance record	Lab auditor instructed for updating the maintenance record	Record verified and updated
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of the Department Machanical Engineering JECRG, Jaipur