



JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE


### INTERNAL AUDIT CORRECTION REPORT

Academic year 2019-20

<b>DQAC</b>		<b>DATE</b>	10/07/2019
<b>PROCESS</b>	<b>Academic Process (Mechanical Department)</b>		
<b>Auditors</b>	1) Dr sanjay Gaur 2) Dr Sandeep Vyas	<b>Auditees</b>	ME Faculties
<b>Observers</b>	1) Dr Bhuvnesh Bhardwaj 2) Dr Fauzia Siddiqui		

Sr. No	Observation	Type	Correction
1	Course file (Mr Shrikant Bansal)	SI	Completed
2	Academic Diary (Mr Ravi Yadav)	SI	Completed
3	Defaulter list (All CC's)	SI	Signed by HOD
4	Mapping of all subjects	SI	Mapping Done
5	Industry feedback data	O	Maintained by TPO

Sr. No	Observation	Type	Correction
1	All Academic process	SI	Signed by HOD
2	Course File	SI	Corrected
3	PO and PEOs and CO and PSO's	SI	Completed
4	Mapping	SI	Mapping is done
5	Student feedback analysis index	OK	Analysis ok
6	Industry feedback analysis index	SI	Maintained by TPO
7	Alumni feedback analysis index	SI	Maintained
8	Remedial Lectures	In process	Completed
9	Advance Learners	OK	Highlighted in diary
10	Slow learners' efforts taken	ok	Register is maintained
11	Add on Courses	In process	OK
12	Seminars/Guest Lectures	OK	Files are properly maintained
13	Social Activities/ Ethical/Moral value education	OK	OK
14	Higher Education data	Not found	Completed in soft copy
15	Internship data	OK	Completed
16	Student final year project		Completed

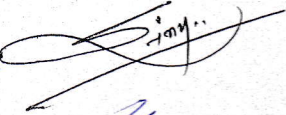
  
Head of the Department  
Mechanical Engineering



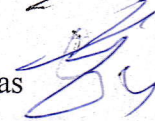
19	Previous Students punched old files, exam record	OK	OK
20	Existing submission	OK	Going on
21	Training needed identification teaching, nonteaching	OK	Maintained in soft copy
22	Budget details	In Progress	Completed
23	Departmental Library details	Found OK	Maintained in soft copy & hard copy
24	FDP/Publications	OK	Completed
25	Curricular and co-curricular activities	OK	Completed
26	Teaching/ Non-teaching appraisal review	OK	Completed

Auditors:

1. Dr Sanjay Gaur



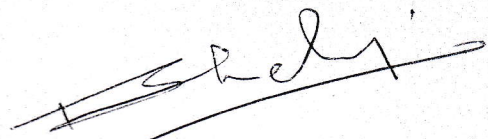
2. Dr Sandeep Vyas



HOD

(MECH)

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



Dr. Bhunesh Bhardwaj

Dr. Fauzia Siddiqi





JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

### INTERNAL AUDIT CORRECTION REPORT

Academic year 2018-19

DQAC		DATE	8/07/2018
PROCESS	Academic Process (Mechanical Department)		
Auditors	1) Dr Sanjay Gaur 2) Dr Sandeep Vyas	Auditees	ME Faculties
Observers	1) Dr Bhuvnesh Bhardwaj 2) Dr Fauzia Siddiqui		

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14	Higher Education data	Not found	Completed in soft copy
15	Internship data	OK	Completed
16	Student final year project		Completed
18	All files (Sample tested)	OK	OK

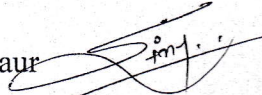
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



19	Previous Students punched old files, exam record	OK	OK
20	Existing submission	OK	Going on
21	Training needed identification teaching, nonteaching	OK	Maintained in soft copy
22	Budget details	In Progress	Completed
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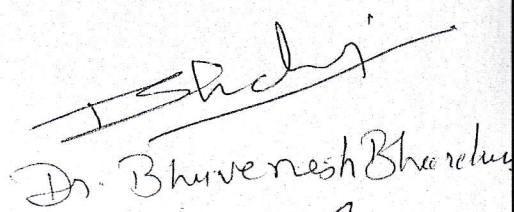
Auditors:

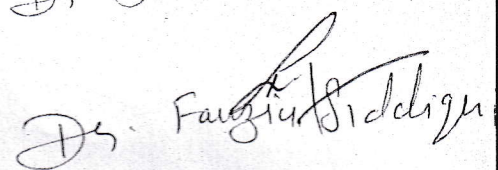
1. Dr Sanjay Gaur



2. Dr Sandeep Vyas




  
Dr. Bhuvnesh Bhojra

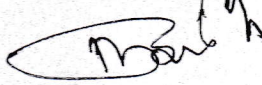
  
Dr. Fauziah Siddiqui

HOD

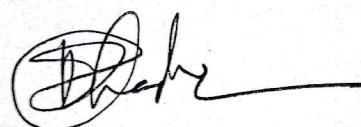
(MECH)

  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur

For your kind approval.



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JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

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

**Format for Academic Audit (2019-20)**

**Name of the Department:** Mechanical Engineering

**Date:** 14 September 2019

**Name, Designation and Address of Academic Audit Experts:**

A) Dr. Ashok Kumar Sharma, Professor, Manipal University, Jaipur

B) Mr Faisal Hoda (Chief Manager), Gas Marketing, Gas Authority India Limited (GAIL) Jaipur.

**Members of Staff Present:**

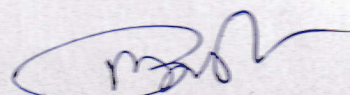
1. Dr MP Singh

2. Dr Bhuvnesh Bhardwaj

3. Dr Fauzia Siddiqui

4. Dr Manish Shrivastava

Criterion	Items	Verifi- cation Yes / No	Comments	Suggestions for improvement
1. Curriculum	Contents of the Curriculum	YES	Affiliated to Rajasthan Technical University (RTU), Kota	Identify more content beyond the syllabus which will fill the gap between the employer requirement and technical education.
	Add-on courses	YES	Department introduced add on courses in the field of Designing and analysis.	Advised to Introduced more add on courses which fill the gap between the industry requirement and technical qualification.

  
Head of the Department





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2. Curriculum Transaction	Teaching methods & teaching aids	YES	Department encourages use of ICT enabled tools, online resources for effective teaching and learning process. Faculty members use ICT tools and resources available on the college campus. Department also provide coursera platform for students as well as faculty members to enhance their technical skills. Department motivate students to enroll in Swayam, NPTEL and MOOC courses. Also, motive students to enhance their technical knowledge using National digital library & Virtual Lab. Department sign MoUs with the industries and setup industries oriented lab in the campus to enhance the teaching learning process. Department also arrange industrial visit, guest lecture from industry experts, conferences, technical activities for students.	Appreciate and maintain the same.
	E-learning modules	YES	Faculty members uploaded advanced study materials, e books, lecture videos, lab experiments videos. Also, provided NPTEL/ Swayam / Swayam Prabha, NDL, MOOC courses links to students.	Advised to enhance the quality and quantity of e-material. Motivate to students to attend MOOC courses.
	Project work	YES	Student's projects are good but very few students projected converted into research papers/ patents.	Advised to convert student's projects into patent, startup and research papers.
	Internal assessment	YES	Department has very sound mechanism for internal assessment.	Advised to provide more questions from last year GATE/PSU etc question paper in assignment and MTT papers. Also, provide more CO based assignments to the weaker students.

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	Preparing for higher education	YES	Faculty members provides study material related to GATE/IES etc	Advised to provide the advanced study materials along with the last year GATE/IES question papers to all students.
	Inter disciplinary activities	YES	Few interdisciplinary guest lectures/IV'S have been arranged	Enhance the interdisciplinary guest lectures and IV'S.
	Feedback from Stake holder	YES	Department has good feedback mechanism	Appreciate and advise to involve more industry persons.
	Steps taken on the feedback	YES	Department analyzed collected feedback and took action. Also, circulated to the stake holders.	After circulation of feedback action taken report to stake holders, collect the suggestions of stake holders on action taken report.
<b>3.Faculty Profile</b>	Projects completed / on going	YES	Some DST projects have been applied by the faculty members	Advised to faculty members to apply more govt. funded research projects
	Seminars / conferences attended	YES	Many faculties attended conferences and seminars.	Advised to motivate faculty members to attend more seminar/ conferences. And share learning with other faculty members as well as with the students.
	Papers / articles / books published	YES	Many faculties have excellent publication	Advised to motivate all the faculty members for publication in reputed research journals/ publication house.
	FDP /STTP/ Training Program / Workshop attended	YES	Mostly faculty members attended FDP/STTP programme	Appreciate and advised to motivate the faculty members to attend more FDP/STTP. Also share the learning with other faculty members as well as with students.
	Preparation of E-learning materials / Content	YES	Faculty prepared E-Learning material like video lectures of subjects/ labs/ PPT/ Subject notes.	Advised to prepare more the e-learning materials/content
	Acted as resource persons	YES	Some faculty members are guiding M-Tech. & PhD candidates. Also, some faculty members acted as an external examiner, session chair,	Advised to motivate other faculty members to act as resource person.

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			evaluator, BOS member etc.	
<b>4. Profile of Students</b>	Students involvement in extra-curricular & Co-curricular activities	YES	Majority of students are involved in extra-curricular & Co-curricular activities.	Advise to motivate each student to participate in at least one activity
	Study tour / industrial visits / guest lectures / Training	YES	Department arranged industrial visits/ guest lectures / training for the students.	Advised to arrange more industrial visits/ guest lectures.
	Achievements	YES	Department got NBA accreditation.	Advise to maintain accreditation and prepare for other accreditation.
<b>5. Infrastructure in the Department</b>	No. of class rooms	YES	8	Sufficient classroom as per curriculum prescribed by RTU
	No. of laboratories	YES	13	As per curriculum by RTU
<b>6. Activities of the Department</b>	MoU's signed	YES	Few MoUs have been signed by the department	Enhance the number of MoUs with the industries.
	Consultancy	YES	Some faculties are providing their services as a consultant.	Appreciated for consultancy but the monetary value must be increased.
	Guest lectures	YES	Department arranged guest lectures from the eminent personalities from the corporate world, motivational personalities/academic personalities etc	Enhanced the number of guest lectures.
	Conference / Seminar / Workshop conducted	YES	Every year department of Mechanical Engineering organised a one National and one International conference. Also, organized one FDP every	Organized more FDPs.

Head of the Department  
Mechanical Engineering  
JECRC





JAI PUR ENGINEERING COLLEGE  
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		year.	
Extension Activity	Yes	The dept. actively participated in various programs like Awareness of oil and gas conservation (Saksham 2020), Swachh Bharat Abhiyan, tree plantation drive, blood donation camps, SDP onors, sports, dance, singing, street play etc	Appreciate and advise to motivate each student and each faculty member to participate in at least one activity.
Interaction with Industry /Research Centres	YES	Department have industry supported labs, organized guest lectures, industrial visits. Also, sign MoUs with the industries.	Advised to establish more industry supported labs in the department and sign more MoUs with industries.
Newsletters / Magazine	YES	Department of Mechanical Engineering published newsletter and Magazine and highlighted the various activities of the department by faculty members and students in Newsletters / Magazine.	The department having a good practice of releasing e-newsletters and magazines, also student's magazine can be initiated for motivation and encouragement of students.
Placement	YES	Department of mechanical engineering provide jobs for advanced learners as well as slow learners students.	Advised to interact with more core companies.

*[Handwritten Signature]*

HOD (ME) Dr. M. P. Singh

*[Handwritten Signature]*  
HOD (ME)

*[Handwritten Signature]*  
Dr. Purnima Gargi  
(ME)

Dr. Purnima Gargi

*[Handwritten Signature]*  
(FAS/FL HODA)

For your kind approval.

*[Handwritten Signature]*





JAIPUR ENGINEERING COLLEGE  
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**Please comment on SWOT Analysis:**

**SWOC Analysis:**

**Strength:**

1. Accredited by NBA
2. Centre of excellence for design and automobile
3. Faculty members are young and dedicated to handling the classes, laboratory and extra curriculum activities.
4. Good student Faculty ratio
5. 24\*7 Dedicated automobile workshop facility for students
6. Strong social commitments by students and faculties

**Weakness:**

1. The current syllabus is partially based on the current needs of industry.
2. Sponsored research projects from any funding agency are minimal
3. Consultancy and testing from the industry are minimal
4. Placements in core companies are minimal.

**Opportunities:**

1. Department follows Outcome based education
2. Provide jobs for fast learners as well as slow learners.
3. Motivate to students for publication
4. Motivate and Provide platform for start-up & patent
5. Motivate and provide platform for social activities.

**Challenges:**

1. Average employment opportunities for fresh graduates
2. Gap between curriculum and industry requirements
3. Bringing slow learner to the level of fast learners
4. International collaboration with reputed institutes/ Industries

**Signature of the HoD with Seal**

*[Handwritten Signature]*  
**Head of the Department  
Mechanical Engineering  
JECRC, Jaipur**

**Signature of the Academic Audit Experts**

*[Handwritten Signature]*  
**(PAISAL FLODA)**



**JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE**  
**JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur**

Department of Mechanical Engineering

**NOTICE**

Date: 25-07-2019

Subject: Lab Audit Schedule

Lab audit in reference to stock will be conducted from 09-08-2019 to 17-08-2019. As per the below list all are requested to update and verify their respective lab stock registers, lab manuals, maintenance records in accordance with latest RTU syllabus and available machines.

Audit members: 1. Dr. Rishi Pareek 2. Mr. Ravindra Kumar


*[Handwritten signature]*

*25/7/19*

Sr.No.	LAB.	IN-CHARGE
1	MPW	MM
2	BME	DSR
3	MT	HCN <i>- M</i>
4	PP	MM/RKG
5	TOM	LKS <i>C</i>
6	FM	SPS <i>- S</i>
7	TE	RK <i>[Signature]</i>
8	HT	PB <i>[Signature]</i>
9	PE	PJ <i>[Signature]</i>
10	IE	SB <i>Shrik</i>
11	VE	DK <i>[Signature]</i>
12	FEM	SK <i>[Signature]</i>
13	CAM	HB/LKS <i>[Signature]</i>
14	CAD	RY <i>[Signature]</i>
15	CIMS	LKS/HB <i>[Signature]</i>
16	CAEG/CAMD/ <i>MD</i>	NC <i>[Signature]</i>
17	MATLAB	RG <i>[Signature]</i>

*25/07/2019*

*25/07/2019*

  
 Head of Department  
 Head of the Department  
 Mechanical Engineering  
 JECRC, Jaipur





JAIPUR ENGINEERING COLLEGE  
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JECRC Campus, Shri Ram Ki Nangal, Via-Vafika, Jaipur

Department of Mechanical Engineering

Lab Audit Report

Name of Laboratory: Manufacturing Practices Workshop (Welding Shop)

Lab Incharge: Dr. Man Mohan Singh

Lab Technician: Ms. Narendera Singh

Audit Date: 16/8/2019 Session: 2019-20

Audit member: Dr. Rishi Pareek & Ms. Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	JECRC/ME/WS/WS/03 Under maintenance (Lead to be fitted)	<u>Man Mohan Singh</u>
2	Sticker marking OIA, 03, 04, 06, 07, 11, 16, 19	<u>Man Mohan Singh</u>
3	Refilling of Gas cylinder	<u>Man Mohan Singh</u>
4	One valve regulator damage	<u>Man Mohan Singh</u>
5	Update stock register. (New stock entry in stock register)	<u>Man Mohan Singh</u>
6		<u>16/8/2019</u>
7		
8		
9		
10		

Audit members (Signature)  
Dr. Rishi Pareek  
Ms. Ravindra Kumar

Head of Department (Signature)  
[Signature]

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



August 16, 2019

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

Subject: Regarding refilling of gas cylinder in manufacturing practices workshop (welding shop).

Respected Sir,

With Reference to mention subject manufacturing practices workshop (welding shop) requires refilling of gas cylinder for proper functioning of practical sessions.


S No.	Equipment/Part	Quantity
1.	Refilling of gas cylinder in manufacturing practices workshop (welding shop)	1

Kindly do the needful.

Thanking You.

Yours Faithfully

*en vny*  
16/8/2019  
Dr. Man Mohan Siddh  
Lab In charge  
(Manufacturing Practices Workshop)

*Approved*  
  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



August 16, 2019

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

Subject: Regarding outside maintenance of gas regulator in manufacturing practices workshop  
(welding shop).

Respected Sir,

With Reference to mention subject manufacturing practices workshop (welding shop)  
requires outside maintenance of gas regulator.

S No.	Equipment/Part	Quantity
1.	Gas regulator (Outside maintenance)	1

Kindly do the needful.

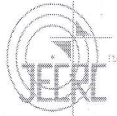
Thanking You.

Yours Faithfully

*Man Mohan Siddh*  
16/08/2019  
Dr. Man Mohan Siddh  
Lab In charge  
(Manufacturing Practices Workshop)

*Approved*  
*[Signature]*  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur





JAIPUR ENGINEERING COLLEGE  
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**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

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

**Department of Mechanical Engineering**

**Lab Audit for year (2019 -20)**

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: Manufacturing Practice Workshop (Welding Shop)**

**Lab Incharge: Dr. Man Mohan Siddh**

**Lab Technician: Mr. Narendra Singh**

**Audit Date: 16- 08 - 2019 Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek**

**2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	JECRC/ME/WS/WS/ 03 under maintenance (Lead to be fitted)	Lab auditor informed the concerned technical staff for maintenance of JECRC/ME/WS/WS/ 03	Done
2	Sticker marking 01A,03,04,06,07,11,16,19	Lab auditor informed the concerned technical staff for marking	Done
3	Refilling of gas cylinder	Letter send to HOD regarding approval of gas cylinder refilling	Approved for refilling <i>21/8/19</i>
4	One gas regulator damage	Letter send to HOD regarding repair of gas regulator	Approved for repair <i>22/10/19</i>
5	Update stock register (New stock entry in stock register)	Lab auditor advised the concerned In charge for update the stock register	Updated

*(Ravindra Kumar)*  
*(Dr. Rishi Pareek)*  
Signature of the HOD with Seal Signature of the Lab Audit Experts

*(Signature)*  
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

Lab Audit Report

Name of Laboratory: Manufacturing Practices Workshop (Fitting Shop)

Lab Incharge: Dr. Man Mohan Soodh

Lab Technician: Mr. Hemant Rajwar

Audit Date: 16/8/2019 Session: 2019-20

Audit member: Dr. Rishi Pareek & Mr. Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Sample lab manual to be update	<u>Man Mohan</u>
2	Requise more Hacksaw frame	<u>Man Mohan</u>
3	Replatae Drill chuck	<u>Man Mohan</u>
4	Sample Job required	<u>Man Mohan</u>
5		<u>16/8/19</u>
6		
7		
8		
9		
10		

Audit members  
(Signature)

Dr. Rishi Pareek  
Mr. Ravindra Kumar

Man Mohan  
Head of Department  
(Signature)

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



Date: August 16, 2019

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

Subject: Regarding Requirement of Hacksaw frame and Drill chuck in Manufacturing Practices Workshop (Fitting shop).

Respected Sir,

With Reference to mention subject Manufacturing Practices Workshop (Fitting shop) requires Hacksaw frame and Drill chuck for proper functioning of practical sessions.


S No.	Equipment/Part	Quantity
1.	Hacksaw frame in Fitting shop ✓	6
2	Drill chuck in Fitting shop ✓	1

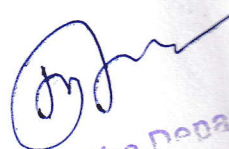
CSM  
16/8/2019

Kindly do the needful.

Thanking You.

Yours Faithfully

  
Dr. Man Mohan Siddh  
Lab In charge  
(Manufacturing Practices Workshop)

Approved  


Head of the Department  
Mechanical Engineering  
JECRC, Jaipur





JAIPUR ENGINEERING COLLEGE  
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**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

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

**Department of Mechanical Engineering**

**Lab Audit for year (2019 -20)**

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: Manufacturing practices workshop (Fitting Shop)**

**Lab Incharge: Dr. Man Mohan Siddh**

**Lab Technician: Mr. Hemant Naiwal**

**Audit Date: 16- 08 - 2019**

**Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Sample lab manual to be updated	Lab auditor advised the concerned In charge for update the sample lab manual	Updated
2	Require more Hacksaw frame	Letter send to HOD regarding the purchasing of Hacksaw frame	Approved for purchasing <i>Purchased 31/12/20 (6)</i>
3	Replace Drill chuck	Letter send to HOD regarding the purchasing of Drill chuck	Approved for purchasing <i>Purchased 31/12/20 (1)</i>
4	Sample job required	Lab auditor advised the concerned In charge for sample job	Prepared

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

*(Ravindra Kumar)*  
*Dr. Rishi Pareek*

*(Signature)*  
**Head of the Department  
Mechanical Engineering  
JECRC, Jaipur**





JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

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

Department of Mechanical Engineering

Lab Audit Report

Name of Laboratory: Manufacturing Practice Workshop (Machine Shop)

Lab Incharge: Dr. Man Mohan Singh

Lab Technician: Mr. Rajendra Singh Vatsika

Audit Date: 16/08/2019 Session: 2019-20

Audit member: Dr. Rishi Parulk & Mr. Rajendra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Sample lab manual to be updated	<u>Man Mohan Singh</u>
2	Require hand grinder	<u>Man Mohan Singh</u>
3	Sticker on machines according to stock	<u>Man Mohan Singh</u>
4	update stock register	<u>Man Mohan Singh</u>
5		<u>16/08/19</u>
6		
7		
8		
9		
10		

Audit members (Signature)  
Dr. Rishi Parulk  
Mr. Rajendra Kumar

Head of Department (Signature)  
Man Mohan Singh  
 Head of the Department  
 Mechanical Engineering  
 JECRC, Jaipur



Date: August 16, 2019

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

Subject: Regarding Requirement of Hand grinder in Manufacturing practices workshop  
(Machine shop).

Respected Sir,

With Reference to mention subject Manufacturing practices workshop (Machine shop) requires Hand grinder for proper functioning of practical sessions.

S No.	Equipment/Part	Quantity
1.	Hand grinder in machine shop	1

Kindly do the needful.

Thanking You.

Yours Faithfully

*Man Mohan Siddh*  
16/8/2019  
Dr. Man Mohan Siddh  
Lab In charge  
(Manufacturing Practices Workshop)

*Approved*

*[Signature]*

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur





JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

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

Department of Mechanical Engineering

Lab Audit for year (2019 -20)

Name of the Department: Mechanical Engineering

Name of Laboratory: Manufacturing Practices Workshop (Machine Shop)

Lab Incharge: Dr. Man Mohan Siddh

Lab Technician: Mr. Rajendra Singh Naruka

Audit Date: 16- 08 - 2019

Session: 2019-20

Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar

Sr. No.	Comments	Action Taken	Remark
1	Sample lab manual to be updated	Lab auditor advised the concerned In charge for update the sample lab manual	Updated
2	Require Hand grinder	Letter send to HOD regarding the purchasing of Hand grinder	Approved for purchasing <i>28/7/20</i> ①
3	Sticker on machines according to stock	Lab auditor suggested the concerned In charge for update the Stickers on machines according to stock	Updated
4	Update stock register	Lab auditor advised the concerned In charge for update the stock register	Updated

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

*Ravindra Kumar*  
*Dr. Rishi Pareek*

*[Signature]*  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur





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Department of Mechanical Engineering

Lab Audit Report

Name of Laboratory: Manufacturing Practices Workshop (Carpentry Shop)

Lab Incharge: Dr. Man Mohan Siddh

Lab Technician: Ms. Hemant Nairwal

Audit Date: 16/8/2019 Session: 2019-20

Audit member: Dr. Rishi Pareek & Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Sample lab manual to be updated	Len wal
2	Stock update (Latest bill update)	Len wal
3	Requize more Rip Saw	Len wal
4	Sample Job	Len wal
5		16/8/2019
6		
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Audit members  
(Signature) Dr. Rishi Pareek  
(Dr. Rishi Pareek)

Head of Department  
(Signature)

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



Date: August 16, 2019

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

Subject: Regarding Requirement of Rip saw in Manufacturing Practices Workshop (Carpentry shop).

Respected Sir,

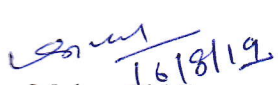
With Reference to mention subject Manufacturing Practices Workshop (Carpentry shop) requires Rip saw for proper functioning of practical sessions.

S No.	Equipment/Part	Quantity
1.	Rip saw in Manufacturing Practices Workshop (Carpentry shop)	5

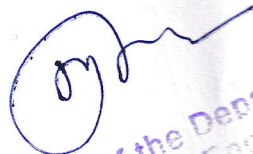
Kindly do the needful.

Thanking You.

Yours Faithfully

  
16/8/19  
Dr. Man Mohan Siddh  
Lab In charge  
(Manufacturing Practices Workshop)

Approved

  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur





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**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

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

**Department of Mechanical Engineering**

**Lab Audit for year (2019 -20)**

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: Manufacturing practices workshop (Carpentry Shop)**

**Lab Incharge: Dr. Man Mohan Siddh**

**Lab Technician: Mr. Hemant Naiwal**

**Audit Date: 16- 08 - 2019 Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Sample lab manual to be updated	Lab auditor advised the concerned In charge for update the sample lab manual	Updated
2	Stock update (Latest bill update)	Lab auditor advised the concerned In charge for update the stock	Updated
3	Require more Rip saw	Letter send to HOD regarding the purchasing of Ripsaw file	Approved for purchasing <i>Purchased 28/11/20</i>
4	Sample job	Lab auditor advised the concerned In charge for sample job	Prepared

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

*Ravindra Kumar*

*Dr. Rishi Pareek*

*[Signature]*  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur





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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

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

Department of Mechanical Engineering

Lab Audit Report

Name of Laboratory: Manufacturing Practices Workshop (Pin Snitchy)

Lab Incharge: Dr. Man Mohan Singh

Lab Technician: Mr. Narendra Singh

Audit Date: 16/08/2019 Session: 2019-20

Audit member: Dr. Pooja Pasarkar & Mr. Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	<u>Require one more bench vice</u>	<u>[Signature]</u>
2	<u>Require proper marking on tools &amp; equipments</u>	<u>[Signature]</u>
3	<u>update stock register</u>	<u>[Signature]</u>
4		<u>16/8/2019</u>
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Audit members (Signature)  
[Signature]  
[Signature]

Head of Department (Signature)  
[Signature]  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



Date: August 16, 2019

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

Subject: Regarding Requirement of Bench vice in Manufacturing Practices Workshop (Tin smithy).

Respected Sir,

With Reference to mention subject Manufacturing Practices Workshop (Tin smithy) requires Bench vice for proper functioning of practical sessions.

S No.	Equipment/Part	Quantity
1.	Bench vice in tin smithy shop	01

Kindly do the needful.

Thanking You.

Yours Faithfully

*16/8/19*  
Dr. Man Mohan Siddh  
Lab In charge  
(Manufacturing Practices Workshop)

*Approved*  
*[Signature]*  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



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**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

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

**Department of Mechanical Engineering**

**Lab Audit for year (2019 -20)**

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: Manufacturing practices workshop (Tin Smithy)**

**Lab Incharge: Dr. Man Mohan Siddh**

**Lab Technician: Mr. Narendra Singh**

**Audit Date: 16- 08 - 2019**

**Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Require one more Bench vice	Letter send to HOD regarding purchasing of one more bench vice	Approved for purchasing <i>Purchased 3/2/20</i>
2	Require proper marking on tools & equipment	Lab auditor suggested the concerned In charge for update the marking on tools & equipment	Updated
3	Stock register update	Lab auditor advised the concerned In charge for update the stock register	Updated

*Dr. Ravindra Kumar*  
Signature of the HOD with Seal Signature of the Lab Audit Experts

*Dr. Rishi Pareek*

*(Signature)*  
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

Lab Audit Report

Name of Laboratory: Manufacturing Practice Workshop (Foundry Shop)  
Lab Incharge: Dr. Man Mohan Singh  
Lab Technician: Ms. Hemant Narsanal Session: 2019-20  
Audit Date: 16/08/2019  
Audit member: Dr. P.K.S. Poojari & Mr. Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Safety shoes required	<u>Man Mohan Singh</u>
2	No proper marking	<u>Man Mohan Singh</u>
3	update stock register	<u>Man Mohan Singh</u>
4		<u>16/8/2019</u>
5		
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Audit members (Signature)  
Dr. P.K.S. Poojari

Head of Department (Signature)  
Man Mohan Singh  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur

Date: August 16, 2019

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

Subject: Regarding Requirement of Safety shoes in Manufacturing Practices Workshop (Foundry shop).

Respected Sir,

With Reference to mention subject Manufacturing Practices Workshop (Foundry shop) requires Safety shoes for proper functioning of practical sessions.

S No.	Equipment/Part	Quantity
1.	Safety shoes in foundry shop	01

Kindly do the needful.

Thanking You.

Yours Faithfully

*Man Mohan Siddh*  
26/8/19  
Dr. Man Mohan Siddh  
Lab In charge  
(Manufacturing Practices Workshop)

*Approved*  
*[Signature]*  
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**

**Lab Audit for year (2019 -20)**

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: Manufacturing practices workshop (Foundry Shop)**

**Lab Incharge: Dr. Man Mohan Siddh**

**Lab Technician: Mr. Hemant Naiwal**

**Audit Date: 16- 08 - 2019**

**Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Safety shoes required	Letter send to HOD regarding the purchasing of Safety shoes	Approved for purchasing <i>purchased 28/10/20</i>
2	No proper marking	Lab auditor informed the concerned technical staff for proper marking	Updated
3	Stock register update	Lab auditor advised the concerned In charge for updating the stock register	Done

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

*(Dr. Rishi Pareek)*

*(Ravindra Kumar)*  
**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

Lab Audit Report

Name of Laboratory: Basic Mechanical Engineering

Lab Incharge: Mr. Doyal Singh Bahare

Lab Technician: Mr. Rajendra Singh Naluka

Audit Date: 13/08/2019

Audit member: Dr. Rishi Passek & Ravindra Kumar

Session: 2019-20

Sr. No.	Comments	Lab In charge (Signature)
1	Lab manual to be updated as per syllabus. (Experiment to be updated)	<i>[Signature]</i>
2	Update maintenance record	<i>[Signature]</i>
3	Item no. sticker to be updated	<i>[Signature]</i>
4	Lab cleaning	<i>[Signature]</i>
5		<i>[Signature]</i>
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*[Signature]*  
Ravindra Kumar  
13/08/19  
Dr. Rishi Passek

Audit members (Signature)

Head of Department (Signature)  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur





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**Department of Mechanical Engineering**

**Lab Audit for year (2019 -20)**

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: BME Lab.**

**Lab Incharge: Mr. Dayal singh Rathore**

**Lab Technician: Mr. Rajendra Singh Naruka**

**Audit Date: 13- 08 - 2019 Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Lab manual to be updated as per syllabus (Experiment to be updated)	HOD instructed regarding the concerned faculty for updating lab manual	Done
2	Update maintenance record	Lab auditor advised for updating of maintenance record	Done
3	Item no. sticker to be updated	Lab auditor advised for updating the item no. sticker	Done
4	Lab. Cleaning	Lab auditor advised the concerned technical staff for cleaning of the lab	Done

*(Ravindra Kumar)*  
*(Dr. Rishi Pareek)*  
Signature of the HOD with Seal Signature of the Lab Audit Experts

**Head of the Department  
Mechanical Engineering  
JECRC, Jaipur**



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Department of Mechanical Engineering

Lab Audit Report

Name of Laboratory: Material Testing Lab.

Lab Incharge: Mr. Hukam Chand Baghel

Lab Technician: Ms. Hanuman Prasad Saini

Audit Date: 19/08/2019 Session: 2019-20

Audit member: Dr. Rishi Pardeep A Rajwadekar Komer

Sr. No.	Comments	Lab In charge (Signature)
1	Updated Syllabus is to be pasted on lab notice board	M
2	Fatigue testing machine not mentioned in stock register.	M
3		M
4		M
5		M
6		M
7		M
8		M
9		M
10		M

Audit members (Signature)  
Dr. Rishi Pardeep A Rajwadekar Komer

Head of Department (Signature)  
Head of the Department Mechanical Engineering JECRC, Jaipur





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Department of Mechanical Engineering

Lab Audit for year (2019 -20)

Name of the Department: Mechanical Engineering

Name of Laboratory: Material Testing Lab.

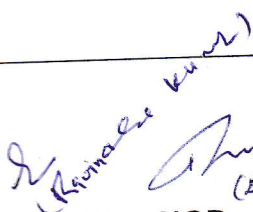
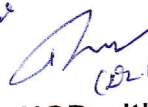
Lab Incharge: Mr. Hukum chand Nagar

Lab Technician: Mr. Hanuman Prasad Saini

Audit Date: 19- 08 - 2019 Session: 2019-20

Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar

Sr. No.	Comments	Action Taken	Remark
1	Updated syllabus is to be pasted on lab notice board	Lab auditor informed the concerned faculty for updating syllabus on lab notice board	Done
2	Fatigue testing machine not mentioned in stock register	Lab auditor advised the concerned faculty for mention the machine in stock	Mentioned (JECRC/ME/MO S/015)

  
(Ravindra Kumar)  
  
(Dr. Rishi Pareek)

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

  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

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

Department of Mechanical Engineering

Lab Audit Report

Name of Laboratory: Production Practice Lab

Lab Incharge: Dr. Man Mohan Siddh

Lab Technician: Sh. Rajendra Singh Naruka

Audit Date: 10.08.2019 Session: 2019-20

Audit member: Dr. Riski Pareek & Mr. Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Spot welding machine is not working.	<u>Man Mohan</u>
2	Updated lab Manual as per RTU Syllabus.	<u>Man Mohan</u> 10/8/19
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Audit members (Signature)

Ravindra Kumar  
Dr. Riski Pareek

[Signature]

Head of Department (Signature)

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**

**Lab Audit for year (2019 -20)**

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: Production Practice**

**Lab Incharge: Dr. Man Mohan Siddh**

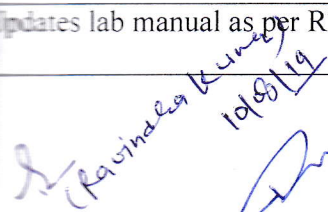
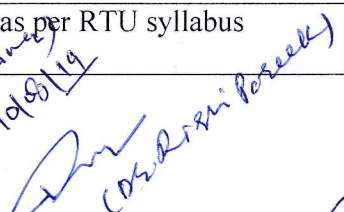
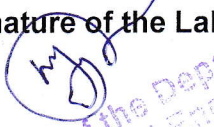
**Lab Technician: Mr. Rajendra Singh Naruka**

**Audit Date: 10- 08 - 2019 Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

<b>Sr</b>	<b>Comments</b>	<b>Action Taken</b>	<b>Remark</b>
1	Spot welding machine not working	Lab auditor informed the concerned technical staff for repair the Spot welding machine	Repaired
2	Updates lab manual as per RTU syllabus	Faculty called by HOD and appreciated	Updated

**Signature of the HoD with Seal Signature of the Lab Audit Experts**

  
  
  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur

**JAIPOUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

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

Department of Mechanical Engineering

Lab Audit Report

Name of Laboratory: Theory of Machines  
 Lab Incharge: Mr. Lalit Kumar Sharma  
 Lab Technician: Mr. Narendra Singh      Session: 2019-20  
 Audit Date: 10/08/2019  
 Audit member: Dr. Rishi Pareek & Mr. Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Lab Manual to be updated	} <u>Lab In Charge</u>
2	Spring balance required for Prony Brake Dynamometer (JECRC/ME/DOM/04)	
3	Glass to be changed (Coefficient of friction apparatus) JECRC/ME/DOM/11	
4	Stock register to be updated	
5	Follower damaged (Maintenance requisite) JECRC/ME/DOM/03	
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Audit members  
(Signature)

(Ravindra Kumar)  
(Rishi Pareek)  
 Dr. Rishi Pareek  
 Mr. Ravindra Kumar

Head of Department  
 Head (Signature)  
 Mechanical Engineering  
 JECRC, Jaipur



Date: August 10, 2019

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

Subject: Regarding Requirement of Spring Balance for Prony Brake Dynamometer in Theory of Machine Lab.

Respected Sir,

With Reference to mention subject Theory of Machines Lab requires a Spring Balance for proper functioning of Practical Sessions.

S No.	Equipment/Part	Quantity
1.	Spring Balance for Prony Brake Dynamometer	1 ✓

Kindly do the needful.

Thanking You.

Yours Faithfully

*Lalit*

Mr. Lalit Kumar Sharma  
Lab In charge  
(Theory of Machines Lab)

*verified  
Lan roy  
10/8/19*

Dr. Man Mohan Siddh  
Overall Lab In charge

*Approved*

*(Signature)*

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



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**Department of Mechanical Engineering**

**Lab Audit for year (2019 -20)**

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: Theory of Machine**

**Lab Incharge: Mr.Lalit Kumar Sharma**

**Lab Technician: Mr.Narendra Singh**

**Audit Date: 10- 08 - 2019 Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Lab. Manual to be updated	Faculty called by HOD and asked about the manual updation.	Updated
2	Spring balance required for Prony brake dynamometer(JECRC/ME/DOM/04)	Letter send to HOD regarding the purchase of spring balance	Approved for Purchasing <i>Purchased 27/08/2019</i>
3	JECRC/ME/DOM/11 Glass to be changed for coefficient of friction	Lab auditor informed the concerned technical staff for repair the coefficient of friction apparatus	Repaired
4	Stock register updates	HOD instructed regarding the register updates in labs	Updated
5	JECRC/ME/DOM/03 One follower damaged	Lab auditor informed the concerned technical staff for repair the follower	Repaired

*Ravindra Kumar*  
*10/08/19*  
*Dr. Rishi Pareek*

**Signature of the HoD with Seal** **Signature of the Lab Audit Experts**

*[Signature]*  
**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

Lab Audit Report

Name of Laboratory: Fluid Mechanics Lab  
 Lab Incharge: Mr. Satya Prakash Saini  
 Lab Technician: Mr. Hanuman Prasad Saini  
 Audit Date: 09-08-2019 Session: 2019-20  
 Audit member: Dr. Rishi Pareek & Ravindra Kemer

Sr. No.	Comments	Lab In charge (Signature)
1	Lab manual not as per syllabus	<i>[Signature]</i>
2	JECRC/ME/FM/03 MK not working properly (Pitot Tube)	<i>[Signature]</i>
3	Hydraulic Ram MK (JECRC/ME/FM/10) to be scrapped	<i>[Signature]</i>
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Audit members (Signature)  
*[Signature]*  
*[Signature]*

Head of Department (Signature)  
*[Signature]*  
 Head of the Department  
 Mechanical Engineering  
 JECRC, Jaipur

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

Subject: Regarding apparatus (JECRC/ME/FM/10) to be scrapped of Fluid Mechanics Lab


Respected Sir,

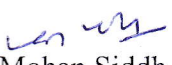
With Reference to mention subject regarding apparatus (JECRC/ME/FM/10) to be scrapped of Fluid Mechanics Lab because of it is in very worst condition. It is also not mentioned in current syllabus.

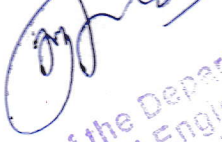
Kindly do the needful.

Thanking You.

Yours Faithfully

  
Mr. Satya Prakash Saini  
Lab In charge  
(Fluid Machines Lab)

  
Dr. Man Mohan Siddh  
Overall Lab In charge

ok  
  
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**

**Lab Audit for year (2019 -20)**

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: Fluid Mechanics Lab**

**Lab Incharge: Mr. Satya Prakash Saini**

**Lab Technician: Mr. Hanuman Prasad Saini**

**Audit Date: 09- 08 - 2019    Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Lab. Manual not as per syllabus	Faculty called by HOD and asked about the manual updation	Lab Manual updated as per syllabus
2	JECRC/ME/FM/03 M/C not working properly (Pitot Tube)	Lab auditor informed the concerned technical staff for repair the JECRC/ME/FM/03	Ok, Repaired
3	Hydraulic Ram M/C (JECRC/ME/FM/10) to be scrapped	Letter send to HOD regarding apparatus to be scrapped.	Scrapped and mentioned in register

*(Ravindra Kumar)*  
*CDR Rishi Pareek*

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

*(Signature)*

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



JAIPUR ENGINEERING COLLEGE  
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**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

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

Department of Mechanical Engineering

Lab Audit Report

Name of Laboratory: Thermal Engineering

Lab Incharge: Mr. Ravindra Kumar

Lab Technician: Mr. Harmanan Prasad Saha

Audit Date: 13/08/2019

Session: 2019-20

Audit member: Dr. Rishi Bhatta & Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	JECRC/ME/TE/25 Maintenance required	
2	Update & correct lab manual	
3	Foundation repair for Diesel & Petrol engine Setup	
4		
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Audit members (Signature)

Ravindra Kumar  
13/08/2019

Head of Department (Signature)  
  
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

Lab Audit for year (2019 -20)

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: Thermal Engineering Lab.**

**Lab Incharge: Mr. Ravindra Kumar**

**Lab Technician: Mr. Hanuman Prasad Saini**

**Audit Date: 13- 08 - 2019 Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	JECRC/ME/TE/25 Maintenance required	Lab auditor advised the concerned incharge regarding the maintenance of JECRC/ME/TE/25	Done
2	Update and correct lab. manual	Lab auditor advised the concerned incharge for update the lab manual	Done
3	Foundation repair for Diesel & Petrol engine setup	Requirement sent to concerned department	Under process

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

*(Ravindra Kumar)*  
*(Dr. Rishi Pareek)*

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

Lab Audit Report

Name of Laboratory: Heat Transfer Lab

Lab Incharge: Mr. Priti Boddhe

Lab Technician: Mr. Narendra Singh

Audit Date: 16/8/2019 Session: 2019-20

Audit member: Dr. Rishi Pasark & Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Syllabus to be updated on notice board	PB
2	Lab manual to be updated as per Syllabus	PB
3	JECRC/ME/HT/06 connection to be rectified	PB
4	JECRC/ME/HT/07 & 08 to be repaired.	PB
5	JECRC/ME/HT/10 require water pump.	PB
6	Maintenance record to be updated	PB 16/8/2019
7		
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10		

Audit members (Signature)  
Dr. Rishi Pasark (Ravindra Kumar)  
Dr. Rishi Pasark

Head of Department (Signature)  
[Signature]  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



Date: August 16, 2019

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

Subject: Regarding Requirement of water pump for Thermal Conductivity of Insulating Power Apparatus (JECRC/ME/HT/10) in Heat Transfer Lab.

Respected Sir,


With Reference to mention subject Heat Transfer Lab requires a Water Pump for proper functioning of Thermal Conductivity of Insulating Power Apparatus (JECRC/ME/HT/10).

S No.	Equipment	Quantity
1.	<u>Water pump for Thermal Conductivity of Insulating Power Apparatus (JECRC/ME/HT/10)</u>	1

Kindly do the needful.

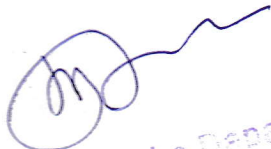
Thanking You.

Yours Faithfully

  
Ms. Priti P. Bodkhe  
Lab In charge  
(Heat Transfer)

*Verified*  
*16/8/19*  
Dr. Man Mohan Siddh  
Overall Lab In charge

*Approved*

  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



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Department of Mechanical Engineering

Lab Audit for year (2019 -20)

Name of the Department: Mechanical Engineering

Name of Laboratory: Heat Transfer Lab.

Lab Incharge: Ms. Priti Bodkhe

Lab Technician: Mr. Narendra Singh

Audit Date: 16- 08 - 2019 Session: 2019-20

Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar

Sr. No.	Comments	Action Taken	Remark
1	Syllabus to be updated on notice board	Lab auditor advised the concerned incharge for updating the syllabus	Done
2	Lab manual to be updated as per the syllabus	HOD instructed regarding the lab manual	Done
3	JECRC/ME/HT/06 connection to be rectified	Lab auditor advised the concerned faculty for rectification of connection	Done
4	JECRC/ME/HT/07 & 08 to be repaired	Lab auditor informed the concerned incharge for repair	Repaired
5	JECRC/ME/HT/10 require water pump	Lab auditor informed the concerned faculty for updating of lab requirement	Approved for purchasing <i>Approved</i> 28/2/20
6	Maintenance record to be updated	Lab auditor informed the concerned incharge for updating of maintenance register.	Done

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

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur





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## JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

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

Department of Mechanical Engineering

### Lab Audit Report

Name of Laboratory: Production Engineering Lab  
Lab Incharge: Ms. Palak Jindal  
Lab Technician: Mr. Narendra Singh Session: 2019-20  
Audit Date: 09/08/2019  
Audit member: Dr. Rishi Parvek & Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Update lab manual according to syllabus & apparatus	<u>Palak</u>
2	Stickers on instruments	<u>Palak</u>
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Audit members  
(Signature)

Dr. Rishi Parvek  
Ravindra Kumar

Head of Department  
(Signature)

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



JAIPUR ENGINEERING COLLEGE  
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**JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur**

Department of Mechanical Engineering

Lab Audit for year (2019 -20)

**Name of the Department: Mechanical Engineering**  
**Name of Laboratory: Production Engineering Lab.**  
**Lab Incharge: Ms. Palak Jindal**  
**Lab Technician: Mr. Narendra Singh**  
**Audit Date: 09- 08 - 2019 Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek**  
**2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Update Lab. manual according to Syllabus & Apparatus	Faculty called by HOD and appreciated	Lab Manual updated as per syllabus
2	Stickers on instruments	Lab auditor suggested the concerned technical staff to label all instruments	Done

*(Ravindra Kumar)*  
*(Dr. Rishi Pareek)*

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

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**

Lab Audit Report

Name of Laboratory: Industrial Engineering Lab.

Lab Incharge: Mr. Shrikant Bansal

Lab Technician: Ms. Hemant Nehwal

Audit Date: 9/8/2019

Session: 2019-20

Audit member: Dr. Rishi Bheek & Ravindra Kumar.

Sr. No.	Comments	Lab In charge (Signature)
1	Paste sticker on all items of the Lab.	
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Audit members (Signature)

Head of Department (Signature)

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

Lab Audit for year (2019 -20)

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: Industrial Engineering Lab.**

**Lab Incharge: Mr. Shrikant Bansal**

**Lab Technician: Mr. Hemant Neiwal**

**Audit Date: 09- 08 - 2019    Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Paste sticker on all items of the lab.	Lab auditor suggested the concerned technical staff to label the all items	Done

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

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur





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### JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

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

Department of Mechanical Engineering

#### Lab Audit Report

Name of Laboratory: Vibration Lab  
Lab Incharge: Dr. Devesh, Kumar  
Lab Technician: Mr. Rajendra Singh Naruka Session: 2019-20  
Audit Date: 12/08/2019  
Audit member: Dr. Rishi Pareek & Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Sample reading should be mention in lab manual.	<i>[Signature]</i>
2	Repair of JECRC/ME/VIB/03	<i>[Signature]</i>
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Audit members  
(Signature) *[Signature]*  
*(Dr. Rishi Pareek)*

Head of Department  
(Signature) *[Signature]*  
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

Lab Audit for year (2019 -20)

Name of the Department: Mechanical Engineering

Name of Laboratory: Vibration Lab.

Lab Incharge: Dr. Devesh Kumar

Lab Technician: Mr. Rajendra Singh Naruka

Audit Date: 13- 08 - 2019 Session: 2019-20

Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar

Sr. No.	Comments	Action Taken	Remark
1	Sample reading should be mention in lab manual	Lab auditor advised the concerned faculty for mention the sample reading in lab manual	Done
2	Repair of JECRC/ME/VIB/03	Lab auditor advised the concerned technical staff for repair of JECRC/ME/VIB/03	Done

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

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur





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**Department of Mechanical Engineering**

**Lab Audit Report**

Name of Laboratory: FEM Lab.  
Lab Incharge: Ms. Satyendra Kumar  
Lab Technician: Ms. Bina Singh Saxena Session: 2019-20  
Audit Date: 16/8/2019.  
Audit member: Dr. Rishi Pareek & Ms. Rajendra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Update stock register. & maintenance record	
2	Syllabus and lab instruction sheet to be posted on notice board.	
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Audit members  
(Signature)   
  
(Ms. Rajendra Kumar)

Head of Department  
(Signature)   
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**

**Lab Audit for year**

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: FEM Lab.**

**Lab Incharge: Mr. Satyendra Kumar**

**Lab Technician: Mr. Bir Singh Sirowa**

**Audit Date: 16-08-2019 Session: 2019-20 (ODD Sem.)**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Update stock register & maintenance record	Lab auditor advised the concerned faculty for updating of stock register as well as maintenance record	Updated
2	Syllabus and lab. Instruction sheet to be pasted on notice board	Lab auditor advised the concerned faculty for update the syllabus and instruction sheet on notice board of the lab	Updated

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

*(Ravindra Kumar)*  
*(Dr. Rishi Pareek)*

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**

**Lab Audit Report**

Name of Laboratory: CAD Lab.

Lab Incharge: Mr. Raji Yadav

Lab Technician: Mr. Bis Singh Sisodia

Audit Date: 14/08/2019 Session: 2019-20

Audit member: Dr. Piyi Pasark & Mr. Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Update lab manual.	
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Audit members  
(Signature)   
(Dr. Piyi Pasark)

Head of Department  
(Signature)

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur



JAIPUR ENGINEERING COLLEGE  
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**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

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

Department of Mechanical Engineering

Lab Audit for year (2019 -20)

Name of the Department: Mechanical Engineering

Name of Laboratory: CAD Lab.

Lab Incharge: Mr. Ravi Yadav

Lab Technician: Mr. Bir Singh Sirowa

Audit Date: 14- 08 - 2019 Session: 2019-20

Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar

Sr. No.	Comments	Action Taken	Remark
1	Update lab manual	Faculty called by HOD and appreciated	Updated

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-Vafika, Jaipur**

Department of Mechanical Engineering

Lab Audit Report

Name of Laboratory: CAM Lab

Lab Incharge: Ms. Hemant Bansal

Lab Technician: Ms. Anil Singh Sisodia

Audit Date: 14/08/19 Session: 2019-20

Audit member: Dr. Preeti Parakh & Ms. Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Poste syllabus & instruction sheet on notice board	<i>[Signature]</i>
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Audit members  
(Signature)

*[Signature]*  
(Dr. Preeti Parakh)

Head of Department  
(Signature)

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

Lab Audit for year (2019 -20)

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: CAM Lab.**

**Lab Incharge: Mr. Hemant Bansal**

**Lab Technician: Mr. Bir Singh Sirowa**

**Audit Date: 14- 08 - 2019    Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Paste syllabus and instruction sheet on notice board	Lab auditor suggested the concerned faculty to paste syllabus and instruction sheet on the notice board.	Done

*(Ravindra Kumar)*  
*(Dr. Rishi Pareek)*  
Signature of the HOD with Seal    Signature of the Lab Audit Experts

*(Signature)*  
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

Lab Audit Report

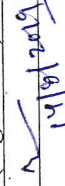
Name of Laboratory: CAE/CAMD

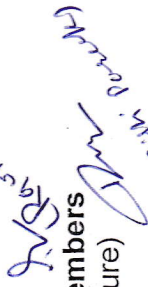
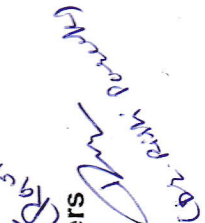
Lab Incharge: Mr. Nishu Chhabra


Lab Technician: -

Audit Date: 14/08/2019 Session: 2019-20

Audit member: Dr. Rishi Pareek & Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Paste file of orthographic Projection, Eric Section & full & half section	 14/08/2019
2	etc. in drawing rooming	
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Audit members (Signature)  
  


Head of Department (Signature)  
  
Head of the Department  
Mechanical Engineering  
JECRC, Vatika



JAIPUR ENGINEERING COLLEGE  
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**JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur**

Department of Mechanical Engineering

Lab Audit for year (2019 -20)

Name of the Department: Mechanical Engineering

Name of Laboratory: CAEG/CAMD

Lab Incharge: Mr. Nitin Chhabra

Lab Technician:

Audit Date: 14- 08 - 2019 Session: 2019-20

Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar

Sr. No.	Comments	Action Taken	Remark
1	Paste flex of orthographic projection, conic section & full and half sectioning etc. in drawing rooms	Lab auditor suggested the concerned incharge to paste flex of orthographic projection, conic section & full and half sectioning etc. in drawing rooms	Pasted

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

Head of the Department  
Mechanical Engineering  
JECRC, Jaipur





JAI PUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

### JAI PUR ENGINEERING COLLEGE AND RESEARCH CENTRE

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

#### Department of Mechanical Engineering

#### Lab Audit Report

Name of Laboratory: MAT Lab  
Lab Incharge: Mr. Rishi Goyal  
Lab Technician: Ms. Bina Singh Sidawa  
Audit Date: 13/8/2019 Session: 2019-20  
Audit member: Dr. Rishi Parok & Mr. Ravindra Kumar

Sr. No.	Comments	Lab In charge (Signature)
1	Paste syllabus and time table in lab	<i>[Signature]</i>
2	Tape print out of lab manual (lab manual not available)	<i>[Signature]</i>
3	Paste lab instruction sheet in lab	<i>[Signature]</i>
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Audit members  
(Signature) *[Signature]* (Dr. Rishi Parok)

Head of Department  
(Signature) *[Signature]*  
Head of Department  
Mechanical Engineering  
JECRC, Jaipur



JAIPUR ENGINEERING COLLEGE  
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**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

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

**Department of Mechanical Engineering**

**Lab Audit for year (2019 -20)**

**Name of the Department: Mechanical Engineering**

**Name of Laboratory: MAT Lab.**

**Lab Incharge: Mr. Rohit Goyal**

**Lab Technician: Mr. Bir Singh Sirowa**

**Audit Date: 13- 08 - 2019 Session: 2019-20**

**Members of Staff Present: 1. Dr. Rishi Pareek  
2. Ravindra Kumar**

Sr. No.	Comments	Action Taken	Remark
1	Paste syllabus and time table in lab	Lab auditor informed the concerned faculty to Paste syllabus and time table on the notice board of the lab.	Done
2	Take print out of lab. manual (Lab. Manual not available)	HOD instructed regarding lab manual	Updated
3	Paste lab instruction sheet in lab.	Lab auditor informed the concerned faculty to Paste lab instruction sheet in lab	Done

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

*(Ravindra Kumar)*  
*(Dr. Rishi Pareek)*

*(Signature)*  
**Head of the Department  
Mechanical Engineering  
JECRC, Jaipur**