



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

INTERNAL AUDIT CORRECTION REPORT

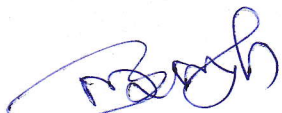
Academic year 2020-21

DQAC	Dr M.P.SINGH Dr Fauzia Siddiqui Dr Bhuvnesh Bhardwaj	DATE	5/08/2021
PROCESS	Academic Process (Mechanical Department)		
Auditors	1) Dr Sanjay Gaur 2) Dr Fauzia Siddiqui	Auditees	Mechanical Engineering Department
Observers	Dr Manmohan Siddh Dr Manoj Gupta		

Sr. No	Observation	Type	Correction
1	Course file (Mr Ravi yadav)	Sample	Completed
2	Mentor File (Mr Hemant Bansal)	Sample	Completed
3	Defaulter list (All CC's)	Sample	Signed by HOD
4	Mapping of all subjects	Sample	Mapping Done
5	Industry feedback data	Sample	Maintained by TPO

Sr. No	Observation	Type	Correction
1	All Academic process	In Progress	Academic calendar has been prepared according to given instruction by IQAC.
2	Course File	SI	Corrected
3	PO and PEOs and CO and PSO's	SI	Completed
4	Mapping	SI	Mapping has been done
5	Student feedback analysis index	OK	Analysis and action taken sent to stakeholders.
6	Industry feedback analysis index	SI	Maintained by TPO
7	Alumni feedback analysis index	SI	Maintained
8	Remedial Lectures	ok	Minutes of meeting completed.
9	Advance Learners	OK	More activities are required
10	Slow learners' efforts taken	ok	Register is maintained

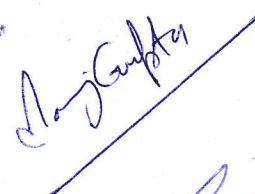
11	Add on Courses	In process	Advanced tools are required.
12	Seminars/Guest Lectures	OK	Files are properly maintained
13	Social Activities/ Ethical/Moral value education	OK	OK
14	Higher Education data	Not found	Completed in soft copy
15	Internship data	OK	Completed
16	Student final year project	In process	Project presentation needs to be based on different POS
18	All files (Sample tested)	OK	OK
19	Previous Students punched old files, exam record	OK	OK
20	Existing submission	OK	Maintain all data in form of soft as well as hard copy.
21	Training needed identification teaching, nonteaching	OK	Maintained in soft copy
22	Budget details	In Progress	Completed
23	Departmental Library details	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

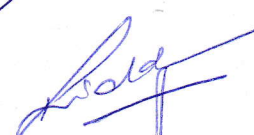

Head of the Department
Mechanical Engineering

HOD **JECRC, Jaipur**

(MECH)








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Jaipur Engineering College &
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Tonk Road, Jaipur-302022



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

Format for Academic Audit (2020-21)

Name of the Department: Mechanical Engineering

Date: 07 August 2021

Name, Designation and Address of Academic Audit Experts:

A) Dr.Ravi Goyal, Professor, Pro President, Nirwan University

**B) Mr Sandeep Chandalia (director), RTEKHNO SOLUTIONS Pvt. Ltd, Bhilwara,
Rajasthan, India**

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	Appreciated and suggested to indentify content beyond related to design and analysis approaches, electric vehicle and AI.
	Add-on courses	YES	Department introduced add on courses in the field of Designing and analysis.	Appreciated and suggested to Introduced add-on courses in the field of design and analysis and AI.
2. Curriculum Transaction	Teaching methods & teaching aids	YES	Department encourages use of ICT enabled tools, online resources for effective teaching and learning process. 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.	Appreciated the efforts made by the department.
	E-learning modules	YES	Faculty members uploaded advanced study materials, e books, lecture videos, lab experiments videos. Also, provided NPTEL/ Swayam /	Appreciated the efforts made by the department.



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			Swayam Prabha, NDL, MOOC courses links to students.	
	Project work	YES	Student's projects are good but very few students projected converted into research papers/patents.	Suggested to convert student's projects into patent, startup and research papers.
	Internal assessment	YES	Department has defined mechanism for internal assessment.	Appreciated the efforts made by the department.
	Preparing for higher education	YES	Faculty members provides study material related to GATE/IES etc	Appreciated the efforts made by the department.
	Inter disciplinary activities	YES	Few interdisciplinary guest lectures/IV'S have been arranged	Appreciated and suggested to arrange guest lectures related to electric vehicle and AI.
	Feedback from Stake holder	YES	Department has good feedback mechanism	Appreciated
	Steps taken on the feedback	YES	Department analyzed collected feedback and took action. Also, circulated to the stake holders.	Appreciated the efforts made by the department.
3.Faculty Profile	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 publication	Suggested 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	Appreciated
	Preparation of E-learning materials / Content	YES	Faculty prepared E-Learning material like video lectures of subjects/ labs/ PPT/ Subject notes.	Appreciated the efforts made by the department. Also advised to prepare E learning material related to



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	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 etc.	GATE/IES. Advised to motivate other faculty members to act as resource person.
4.Profile of Students	Students involvement in extra-curricular & Co-curricular activities	YES	Majority of students are involved in extra-curricular & Co-curricular activities.	Suggested to motivate each student to participate in at least one activity
	Study tour / industrial visits / guest lectures /Training	YES	Department arranged guest lectures / training for the students.	Appreciated the efforts made by the department.
	Achievements	YES	Department got NBA accreditation extension for one year.	Appreciate the efforts made by the department.
5. Infrastructure in the Department	No. of class rooms	YES	8	Sufficient classroom as per curriculum prescribed by RTU
	No. of laboratories	YES	13	As per curriculum by RTU
6. Activities of the Department	MoU's signed	YES	MOU has been signed with Bharatiya skill development university(BSDU)Jaipur.	Department should sign more MoU's with industries to provide industrial exposure to the students and faculty members.
	Consultancy	YES	Some faculties are providing their services as a consultant.	Appreciated and suggested for motivating other faculty members to provide their services as a consultant.
	Guest lectures	YES	Department arranged guest lectures from the eminent personalities from the corporate world, motivational personalities/academic personalities etc	Appreciate the efforts made by the department.
	Conference / Seminar	YES	Every year department of Mechanical Engineering	Suggested to organize FDP every year.



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/Workshop conducted		organised a one National and one International conference.	
Extension Activity	Yes	The dept. actively participated in various programs like Awareness of oil and gas conservation (Saksham 2021), tree plantation drive, dance, singing 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 has industry supported labs, organized guest lectures, industrial visits	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.	Appreciated and gave suggestion to initiate student's magazine
Placement	YES	Department of mechanical engineering provide jobs for advanced learners as well as slow learners students.	Advised to interact with more core companies.

Head of the Department
Mechanical Engineering
JECRC, Jaipur

Signature of the HoD with Seal

Signature of the Academic Audit Experts

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