



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

INFORMATION FOR ACADEMIC AND ADMINISTRATIVE AUDIT
OF THE DEPARTMENT
(2019-2020)

1. Name of the Department: Electrical Engineering
2. Year of establishment: 2000
3. Programmes offered: UG
4. Details of certificate/diploma program introduced in the last academic year:

S. N	Program code	Program name	Name of the certificate/diploma introduced in last 5 years	Year of introduction	Link the relevant document
	EE	Technical Workshop	Training Course on Industrial Automation by Seldom India	27 th Sept - 09 th Nov 2019	My Drive - Google Drive
	EE	Technical Workshop	Seminar on "IOT Using Raspberry PI & Arduino"	30/9/2019	One day seminar on IOT Using Raspberry PI

5. Details of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BOS and Academic Council:

Academic Year	Name of Faculty	Name of the body in which full time teacher participated	Subject	Level/ Semester	Relevant Link
NIL	NIL	NIL	NIL	NIL	NIL

6. Details of new Courses introduced of the total number of courses across all Programmes offered by the department:

Name of the new course introduced in last A.Y.	Program name	Program code	Course code	Year of introduction	Link the relevant document
NIL	NIL	NIL	NIL	NIL	NIL



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

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

10. Details of the students undertaking field projects/ internships:

Program name	Program code	No of students undertaking field projects / internships	Link the relevant document
Industrial Training	7EETR	136	VII Semester 2019-2020 - Google Drive
Industrial Training	5EE7-30	128	industrial training 2019 V sem AB updated.xlsx - Google Sheets
Industrial Training	3EE7-30	95	III semester 2019-2020 - Google Drive

11. Analysis with action taken report of feedback received from different stakeholders i.e. students, Alumni, Employer and teachers.

SN	Stakeholder	Department	Feedback Received	Action Taken	Link for Document
1.	Alumni	EE	YES	YES	Alumni Feedback Form - Google Forms
2.	Students	EE	YES	YES	Students Feedback on Teaching learning - Google Forms
3.	Teachers	EE	YES	YES	Employee Feedback Form - Google Forms

12. Number of students from other States and Countries admitted in the department:

Year of enrolment	Number of students enrolled from other states	Number of students enrolled from other countries	Link of the relevant document
2019-20	N/A	00	N/A

13. Total number of students admitted in the department:

Year	Program name	Program Code	Total Number of Seats Sanctioned	Total Number of students admitted
2019-20	Electrical Engineering	EE	120	95



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JECRC Campus, Shri Ram Ki Naugal, Via-Vatika, Jaipur

14. Number of seats filled against seats reserved for various categories (including Divyangjan) in the department:

29 % of total sanctioned seats	Year	Number of seats earmarked for reserved category as per GOI or State Government rule			Number of students admitted from the reserved category				
		SC	ST	OBC	SC	ST	OBC	Gen	Others
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

Name of the student enrolled under Differently abled Category	Gender	UDID Card Number	Type of Disability	Percentage of Disability	Program enrolled	Year of Enrolment
NIL	NIL	NIL	NIL	NIL	NIL	NIL

15. Special programmes conducted by the department for advanced learners and slow learners:

Provide the list along with the proofs for the activities undertaken by the department for advanced and slow learners.

Activities for advanced and slow learners..docx - Google Docs

16. Student- Full time teacher ratio:

Year	Number of students enrolled in the department(UG)	Number of students enrolled in the department (PG)	Number of full time teachers in the department (UG)	Number of full time teachers in the department (PG)	Number of teachers teaching both UG and PG courses	STR
2019-20	35 1	N A	18	N A	0	1:20

17. Number of teaching posts sanctioned, filled and vacant.- HOD

Designation	Sanctioned*	Filled
Professor	2	2
Associate Professor	4	0
Assistant Professor	14	18
Total	20	20

(* Considering 20:1 STR)



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

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

18. Number of full time teachers with Ph.D. degree:

Year	Total No. Full time teachers	No .of teachers with PhD
2019-	18	2

19. Details of full time teachers who received awards, recognition, fellowship at State, National, and International level from government, recognized bodies:

Year	No. Of Full time Teachers	No. of teachers received awards/recognition/fellowship at State/National/International level	Relevant link
NIL	NIL	NIL	NIL

20. Number of full time teachers from other States against sanctioned posts:

Year	No. of Full time Teachers	No. of teachers from other states
2019-	18	2

21. Details of examination related grievances received if any.

In 2019-20: 2 (Link Attached)

[My Drive - Google Drive](#)

[My Drive - Google Drive](#)

22. Adherence to the academic calendar: YES

23. Attainment of Programme outcomes, Programme specific outcomes and course outcomes:
neha

24. Result Analysis: 2019-20

Program Code	Program Name	Level/Semester	Number of students appeared in the exam	Number of students passed in the exam
EE	EE	II Year/ III Sem	95	44
EE	EE	II Year/ IV Sem	95	Result Awaited
EE	EE	III Year/ V Sem	128	82
EE	EE	III Year VI Sem	128	Result Awaited
EE	EE	IV Year/ VII Sem	132	124
EE	EE	IV Year VIII Sem	132	125

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

25. Total Grant received for research projects sponsored by the government and the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs

S N	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator	Department of Principal Investigator	Year of Award	Funds provided	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)	Relevant Document link
	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

26. Details of the teachers recognized as research guides:

Name of teachers recognized as research guides	PG / PhD Recognition
NIL	NIL

27. Details of workshops/ seminars conducted on Intellectual Property Rights (IPR) and Industry- Academia Innovative practices:

S N	Year	Name of the workshop/seminar	Date From -To	Activity(IPR/Industry- Academia Innovative practices)
1	2019-2020	One Day Workshop on Industrial Automation	16-09-2019	Industry- Academia Innovative practices
2	2019-2020	Training Course on Industrial Automation by Seldom India	27-09-2019 to 9-11-2019	Industry- Academia Innovative practices
3	2019-2020	Seminar on "IOT Using Raspberry PI & Arduino	30-09-2019	Industry- Academia Innovative practices

28. Details of incentives to teachers who receive state, national and international recognition/ awards:

Sr. No.	Name of the Awardee with contact details	Name of the Award	Name of the Awarding Agency
NIL	NIL	NIL	NIL

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

29. Details of research papers published by teachers in the Journals notified on UGC website:

SN	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number	Link of the recognition in UGC enlistment of the Journal
1	Internet of Things (IoT) Based Smart Energy Metering	Vishal Sharma	Electrical Engineering	EasyChair Preprint	2019-20		https://easychair.org/publications/preprint/open/CgZw
2	Novel Pulse Power Estimation Technique for Li – Ion Battery using DCIR and SOC Relationship	Vishal Sharma	Electrical Engineering	EasyChair Preprint	2019-20		https://easychair.org/publications/preprint/open/gPp1
3	Gasoline Electric Hybrid Automobile	Vishal Sharma	Electrical Engineering	EasyChair Preprint	2019-20		https://easychair.org/publications/preprint/open/Kd4T

30. Details of books and chapters in edited volumes/books published and papers in national/international conference:

Sl. No.	Name of Teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / international	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Relevant link
NIL											

31. Details of the extension activities undertaken by the department in sensitizing students to social issues and holistic development:

Sr. No	Program Details	Collaborating Agency	Number of Participated Students	Remarks
1	Swacchta Pakhwara	-	48	Social Activity
2	150 Gandhi Jayanti Celebration		54	

JAI PUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JECRC Campus, Shri Ram Ki Naugal, Via-Vadla, Jaipur

32. Total number of awards and recognition received for extension activities from *Government/* recognized bodies:

SN	Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ recognised bodies	Year of award	Name of the Faculty
NIL	NIL	NIL	NIL	NIL	NIL

33. Details of extension and out reached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc.:

SN	Name of the activity	Organising unit/ agency/ collaborating agency	Year of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NIL	NIL	NIL	NIL	NIL	NIL

34. Total number of Students participating in extension activities with Government Organization, Non-Government Organizations and Programmes such as Swachh Bharat, AIDs awareness, Gender issue etc.

SN	Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity	Number of students participated in such activities
1	Swacchta Pakhwara	-	Swacchta Pakhwara	2019-20	48

35. Details of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research etc.:

Sl. No.	Title of the linkage	Name of the Partnering institution/ industry/research lab with contact details	Year of commencement	Duration (From-To)	Nature of linkage
	NIL	NIL	NIL	NIL	NIL

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

36. Details of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc.:

Sl. No.	Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of Signing MoU	Duration	List the actual activities under each MoU year wise	Number of students/teachers participated under MoUs
NIL	NIL	NIL	NIL	NIL	NIL	NIL

37. Details of departmental infrastructural & other facilities:

- a) Departmental Library (books, journals etc.): 170
- c) Computers and Internet facilities for staff:
 - Computer Lab – 02 (Total No of Computers -56)
- d) Total number of class rooms: 05
- e) Class rooms with ICT facility: 01
- f) Students' laboratory: 08
- g) Research laboratories: 01
- h) Seminar Hall: NIL
- i) Smart class room: NIL
- j) Any other facility LCDs: 2

38. Student – Computer ratio:

Total Number of students	Number of computers for students in working condition	Student Computer Ratio
359	56	1:7

39. Details of e-content developed by the faculty in the department:

Name of the e-content development facilities	Provide link to videos of the media centre and recording facility
Student Notes	https://jecrcfoundation.com/student-corner/notes



JAI PUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

JAI PUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JECRC Campus, Shri Ram Ki Nangal, Vta-Vatika, Jalpur

40. Details of maintenance of laboratory and classrooms: PE lab, APE lab, EDC lab Status 29-05-2020.docx - Google Docs

41. Number of students benefited by scholarships and free ships provided by the Government: office

Name of the scheme	Number of students benefited by government scheme(Scholarships)	Number of students benefited by government scheme(freeships)	State Minority Scholarship	Merit Cum-Means Scholarship
TWFS	18	18		

42. Total number of students benefited by scholarships, free ships, etc provided by the institution besides government schemes: registrar

Name of the scheme with contact information	Number of students benefited by non-government schemes
NIL	NIL
TOTAL STUDENTS BENEFITTED	

43. Number of students enrolled capability enhancement and development scheme:

Name of Capability Enhancement Scheme	Year of Implementation	Number of Students enrolled	Name of the agencies involved with Contact Details
NIL	NIL	NIL	NIL

44. Number of students in the department benefited by guidance for competitive examinations and career counselling offered by the institution:

Year	Name of the scheme	Number of students benefited /attended/participated by career counselling/Competitive exam activities
2019-20	CRT	120

45. Number of students attending Vocational Education and Training (VET)

Number of students attending VET	Total number of students
136	136

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

46. Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee:

No. Of grievances	No. of grievances redressed	Average time of or grievance redressal in number of days
NIL	NIL	NIL

47. Number of outgoing students placed along with name of the employer with contact details:

Number of students	Name of the employer with contact details	Packag e	Program graduated
18	Accenture		EE
02	Alibaba		EE
01	Baba Automobiles		EE
03	Capgemini		EE
04	Chegg India		EE
08	ETTL Jaipur		EE
05	Infosys		EE
01	Marvel Infocom		EE
07	NV Infrasol		EE
02	Pinnacle		EE
04	TCS NQT		EE
01	START UP		EE
21	TEPL		EE



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

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

48. Details of the students going for higher education:

Number of students enrolling into higher education	Program graduated from	Department graduated from	Name of institution joined	Name of program admitted to
01	EE	EE	University of Maryland, College park, USA	MS Computers
01	EE	EE	IIT DELHI	M.Tech

49. Number of students appearing and qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations):

Registration /Roll No for the exam	Number of students selected/qualifying								State government examination
	NET	SLET	GATE	GMAT	CAT	GRE	TOEFL/IELTS	Civil Services	
EE20S53062345, EE20S53022315, EE20S53022237, EE20S53017013, EE20S53017216, EE20S53017042, EE20S53015281, EE20S53021015, EE20S53022096	NA	NIL	9		NIL	1	NIL	NIL	NIL

50. Number of awards/medals for outstanding performance in sports/cultural activities at national / international level:

Name of the award/medal	National/ International	Sports/ Cultural	Name of the Student	Number of students	Adhaar Number/Admission Number
NIL	NIL	NIL	NIL	NIL	NIL

51. Details of the student council and the departmental student chapters: NIL

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

56. Details of teachers attending professional development Programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes:

Number of teachers who attended	Title of the professional development program	Date and Duration (from-to)
14	Electric Vehicle Technology	Aug 26-30,2019
1	IoT in manufacturing	Jan 06-10,2019

57. Total Grants received from non-government bodies, individuals, Philanthropers:

Name of the non-government funding agencies/individuals	Funds/Grants received in Rs.	Initiative
NIL	NIL	NIL

58. Details of quality enhancement initiatives in the academic and administrative domains of the department: Quality Enhancement Initiatives EE Department - Google Docs

59. Number of gender equity promotion Programmes organized by the department:

SN	Name of The activity	Organising unit/ agency/collaborating agency	Name of the scheme	Year of the activity	Number of students participated in such activities
NIL	NIL	NIL	NIL	NIL	NIL

60. Details of the PBL topics floated by the department: NIL

61. Details of the final year project: 31

Total ---- 31

In House - 31

Industry – NIL



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

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

62. Initiatives taken by the department to enhance the quality of teaching learning process, research and entrepreneurship:

Rubric based assessment has been implemented in the internal as well as external examination scheme for holistic development of the student.

Declaration by the Head of the Department/Institution:

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Head of Department

(Electrical Engineering)
Head of the Department
Electrical Engineering
JECRC Jaipur

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