

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

INFORMATION FOR ACADEMIC AND ADMINISTRATIVE AUDIT

Department of Computer Science & Engineering (2020-2021)

1. Name of the Department: Computer Science and Engineering
2. Year of establishment: 2001
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
1.	06	Computer Science & Engineering	Google Cloud Computing Foundation program	2020	-

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

Year	Name of Teacher Participated	Name of the body in which full time teacher participated
2020-21	Dr. Sanjay Gour	Appointment of Examiner for evaluation of the Ph.D. Thesis of Mr. Purushottam Lal in Mewar University
		Appointment of Examiner for evaluation of the Ph.D. Thesis of Ms. Rekhee Chhibber in Mewar University
		Question Paper Setting for Maharaja Ganga Singh Vishvidhlaya, Bikaner
		Appointment of Examiner for evaluation of the Ph.D. Thesis of Mr. Agnivesh, AIITL in Amity University, U.P.
		Appointment of Examiner for evaluation of the Ph.D. Thesis of Mr. Gopal G. Shah in Dr. Babasaheb Ambedkar open university
	Question Paper Setting for RTU	
	Dr. Vijeta Kumawat	Question Paper Setting for Mahatma Jyoti Rao Phoole University



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
AT SHRI RAM KI NANGAL

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

	External Examiner in RTU UG Practical Examinations
Dr. Nilam Choudhary	shortlisted and nominated as expert faculty to prepare e-content/expert lecture for B.Tech. course
Mr. Abhishek Dixit	Question Paper Setting for RTU
Mr. Amit Mithal	Shortlisted and nominated as expert faculty by RTU to prepare e-content/expert lecture for B.Tech. course
Ms. Punita Panwar	External Examiner in RTU UG Practical Examinations
Mr. Sachin Gupta	Question paper setting for UOR UG/PG

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
Internet of Things	CSE	06	7CS4-01	2020-21
Human Engineering & Safety	CSE	06	7AG6-60.1	2020-21
Big Data Analytics	CSE	06	8CS4-01	2020-21
Disaster Management	CSE	06	8TT6-60.2	2020-21
Internet of Things Lab	CSE	06	7CS4-21	2020-21
Cyber Security Lab	CSE	06	7CS4-22	2020-21
Industrial Training Lab	CSE	06	7CS7-30	2020-21
Seminar Lab	CSE	06	7CS7-40	2020-21
Big Data Analytics Lab	CSE	06	8CS4-21	2020-21
Software Testing & Validation Lab	CSE	06	8CS4-22	2020-21
Project Lab	CSE	06	8CS7-0	2020-21

7. Details of the programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented:

Name of all programs	Whether adopting CBCS course system (yes/no)	Whether adopting elective course system (yes/no)	Program Code	Year of implementation of CBCS/ elective course system	Link the relevant document
----------------------	--	--	--------------	--	----------------------------

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

B.Tech. in CSE	Yes	Yes	06	2018 – 19 (CBCS) Before 2018 – 19 Elective Course System	
----------------	-----	-----	----	--	--

8. Details of students enrolled in subject related Certificate/ Diploma programs/ Add-on programs:

Session 2020-2021:

Year	Title of the programme	Type of the programme (Certificate/ Diploma Add-on programs)	Total Number of students enrolled in certificate or diploma or add-on programs
2020-21	Technical Training	Google Cloud Computing Foundation Program	270 students

9. Details of value added courses imparting transferable and life skills:

Year -2020 – 21						
S. No.	Name of Add on /Certificate programs offered	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	Google Cloud Computing Foundation Program	2020	1	36 hours	270	270

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

Session 2020-21			
Program name	Program code	No of students undertaking field projects / internships	Link the relevant document
Industrial	3CS7-30	244	https://drive.google.com/drive/folders/





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

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

Training			1xa7eqzc01GqrXVODsKsB6rWOAL6vThn0?usp=sharing
Industrial Training	5CS7-30	239	https://drive.google.com/drive/folders/1ryZDdvvTxcKh0X9Is_5r4N2lXKo6vF-/?usp=sharing
Industrial Training	7CS7-30	214	https://drive.google.com/drive/folders/1s91c4ukc4pILMpRBXBYqQUQDxhjHW21Y?usp=sharing

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
	Students	CSE	Yes	Yes	https://drive.google.com/file/d/17J6TEt-rbe-qun77_cUulttBBEdKngULr/view?usp=sharing
	Alumni	CSE	Yes	Yes	https://drive.google.com/file/d/1h3rWx9Vh03udnlpJf-T3bSH3P9JOLcoV/view?usp=sharing
	Parents	CSE	Yes	Yes	https://drive.google.com/file/d/1Os-RcR6IX-chKWa0EYHGeLSctZCXOkIQ/view?usp=sharing
	Teacher	CSE	Yes	Yes	https://drive.google.com/file/d/1tLtUYPilf2V6S6whQ-HspcM8l7An74xd/view?usp=sharing

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
N/A	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
2020-21	B.Tech CSE	06	240	279

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JECRC Campus, Shri Ram Ki Nangal, 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			Number of students admitted from the reserved category				
		SC	ST	OBC	SC	ST	OBC	Gen	Others
	2020-21	-	-	-	2	3	52	222	NIL

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

The college / department has a well-defined system to recognise various levels of the students and the same for their performance. The institution assesses the learning levels of the students in two ways at the time of the commencement of the programme. Students enrolled in various disciplines are identified as slow and advanced learners based on their +2 marks and rank in entry level test. This helps to identify the slow learners and to design special programme to bridge the gap between the slow learners and the advanced learners. The faculty members of the respective classes extend valid support in classifying the students with the aid of continuous internal assessment based on the achievement of the set target of CO attainment in unit tests, internal examination, and practical examinations. Those students who fail to achieve the set target of CO attainment are slow learners.

The orientation / induction programmes has been organised for fresher's both at the college level and at the department level. The facilities in the college and the scope of the engineering being learnt are introduced in these sessions. Bridge Courses are conducted at the departmental level to lift the students to the level of higher education like department of english organizes orientation / bridge course in basic english grammar for the hindi medium students. The department of CSE conducts bridge Course in the area of basics of computers. Additional sessions are also included to inculcate positive attitude and competitive spirit.

The remedial classes are conducted to improve the academic performance of slow learners. In addition to this, extra efforts have been made for slow learners like providing additional (Revision) study material, assignments, discussion of previous years University questions papers and viva-voce. After that, reassessment has been carried out to access the improvement of the students. If the targets are not achieved after reassessment then counselling sessions are carried out to motivate them towards their improvement in academics.

The advanced learners are encouraged to participate and present papers in various seminars/conferences/workshops. They are also encouraged to participate in inter-college and intra-college curricular and co-curricular activities, lab, institute events, and organizing committee. They are also motivated to participate in project developments, start-ups, and incubation centre activities. Meritorious students from every semester in respective departments are awarded certificates.



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JECRC CAMPUS, SHRI RAM KI NANGAL, VIA-VATIKA, JAIPUR

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

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 fulltime teachers in the department (PG)	Number of teachers teaching both UG a and PGcourses	STR
2020-21	770	Nil	48	N A	N A	17:1

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

Designation	Sanctioned*	Filled
Professor	04	01
Associate Professor	08	03
Assistant Professor	24	37
Total	36	41

(* Considering 20:1 STR)

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

Year	Total No. Full time teachers	No. Of teachers with PhD
2020-21	46	04

19. Details of full time teachers who received awards, recognition, and 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
	Total faculty of 20-21	1. Best Resource person award (RCS-2020-AA-BPR-001)	Research Culture Society Registration number: GJ24D0024215

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

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

Year	No. of Full time Teachers	No. of teachers from other states
	Total faculty of 2020-21	NA

21. Details of examination related grievances received if any.

Session 2019-2020 = 23

22. Adherence to the academic calendar: YES

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

CO Attainment (2020-21)

CO Attainment (Target >=60%) CAY 2020-21								
S.No	Subject Code	Subject	Attainment 2019-2020	Final Attainment (IE)	20% Internal Exam weight age	Final Attainment (EE)	80% External Exam weight age	Final CO Attainment
1	3CS2-01	Advanced Engineering Mathematics	CO1	77.28	15.46	54.66	43.73	59.19
			CO2	87.23	17.45	54.66	43.73	61.18
			CO3	87.34	17.47	54.66	43.73	61.20
			CO4	88.67	17.73	54.66	43.73	61.47
2	3CS1-03	Managerial Economics and Financial Accounting	CO1	63.94	12.79	56.70	45.36	58.14
			CO2	60.33	12.07	56.70	45.36	57.42
			CO3	62.10	12.42	56.70	45.36	57.78
3	3CS3-04	Digital Electronics	CO1	54.88	10.98	11.28	9.02	20.00
			CO2	54.81	10.96	11.28	9.02	19.99
			CO3	56.37	11.27	11.28	9.02	20.30
			CO4	43.69	8.74	11.28	9.02	17.76





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

4	3CS4-05	Data Structures and Algorithms	CO1	41.95	8.39	56.88	45.51	53.90
			CO2	61.79	12.36	56.88	45.51	57.86
			CO3	41.08	8.22	56.88	45.51	53.72
			CO4	65.32	13.06	56.88	45.51	58.57
5	3CS5A	Object Oriented Programming	CO1	67.70	13.54	66.11	52.89	66.43
			CO2	70.34	14.07	66.11	52.89	66.96
			CO3	65.98	13.20	66.11	52.89	66.09
			CO4	58.32	11.66	66.11	52.89	64.56
6	3CS4-07	Software engineering	CO1	63.02	12.60	52.99	42.39	54.99
			CO2	74.74	14.95	52.99	42.39	57.34
			CO3	64.21	12.84	52.99	42.39	55.23
			CO4	49.43	9.89	52.99	42.39	52.28
7	4CS2-01	Discrete Mathematical Structures	CO1	88.24	17.65	70.06	56.05	73.70
			CO2	95.54	19.11	76.44	61.15	80.26
			CO3	94.88	18.98	75.92	60.74	79.71
			CO4	97.32	19.46	77.84	62.27	81.74
8	4CS1-02	Accounting /Technical	CO1	61.71	12.34	49.36	39.49	51.83
			CO2	97.17	19.43	77.72	62.18	81.61
			CO3	98.10	19.62	78.48	62.78	82.40
9	4CS3-04	Microprocessors and Interfaces	CO1	80.89	16.18	64.72	51.78	67.95
			CO2	73.60	14.72	58.88	47.10	61.82
			CO3	80.53	16.11	64.44	51.55	67.66
			CO4	76.28	15.26	61.04	48.83	64.09
10	4CS2-06	Database Management System	CO1	80.32	16.06	64.24	51.39	67.46
			CO2	94.87	18.97	75.88	60.70	79.68
			CO3	95.20	19.04	76.16	60.93	79.97

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

			CO4	93.70	18.74	74.96	59.97	78.71
11	4CS2-06	Theory of Computation	CO1	56.91	11.38	45.52	36.42	47.80
			CO2	90.87	18.17	72.68	58.14	76.32
			CO3	88.53	17.71	68.68	54.94	72.65
			CO4	82.32	16.46	65.84	52.67	69.14
12	4CS2-07	Data Communication and computer network	CO1	88.80	17.76	71.04	56.83	74.59
			CO2	85.91	17.18	68.72	54.98	72.16
			CO3	79.63	15.93	63.72	50.98	66.90
			CO4	81.23	16.25	65.00	52.00	68.25
13	5CS3-01	Information Theory & Coding	CO1	82.85	16.57	72.30	57.84	74.41
			CO2	84.02	16.80	72.30	57.84	74.64
			CO3	71.11	14.22	72.30	57.84	72.06
			CO4	74.89	14.98	72.30	57.84	72.81
14	5CS4-02	Compiler Design	CO1	79.20	15.84	50.74	40.59	56.43
			CO2	76.69	15.34	50.74	40.59	55.93
			CO3	83.55	16.71	50.74	40.59	57.30
			CO4	66.34	13.27	50.74	40.59	53.86
15	5CS4-03	Operating Systems	CO1	80.93	16.19	76.73	61.38	77.57
			CO2	81.30	16.26	76.73	61.38	77.64
			CO3	71.92	14.38	76.73	61.38	75.77
			CO4	78.08	15.62	76.73	61.38	77.00
16	5CS4-04	Computer Graphics & Multimedia Techniques	CO1	76.58	15.32	46.07	36.85	52.17
			CO2	84.20	16.84	46.07	36.85	53.69
			CO3	62.20	12.44	46.07	36.85	49.29
			CO4	65.33	13.07	46.07	36.85	49.92
17	5CS4-	Analysis of	CO1	78.04	15.61	68.23	54.59	70.19



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

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

	05	Algorithms	CO2	79.75	15.95	68.23	54.59	70.54
			CO3	73.47	14.69	68.23	54.59	69.28
			CO4	65.89	13.18	68.23	54.59	67.76
18	5CS5-12	Human Computer Interface	CO1	63.51	12.70	53.60	42.88	55.58
			CO2	60.00	12.00	53.60	42.88	54.88
			CO3	82.51	16.50	53.60	42.88	59.38
			CO4	77.55	15.51	53.60	42.88	58.39
19	6CS3-01	Digital Image processing	CO1	98.75	19.75	79.00	63.20	82.95
			CO2	81.75	16.35	65.40	52.32	68.67
			CO3	82.75	16.55	65.40	52.32	68.87
			CO4	96.50	19.30	77.20	61.76	81.06
20	6CS4-02	Machine Learning	CO1	84.50	16.90	67.60	54.08	70.98
			CO2	85.00	17.00	68.00	54.40	71.40
			CO3	79.01	15.80	63.20	50.56	66.36
			CO4	95.56	19.11	76.44	61.15	80.26
21	6CS4-03	Information Security system	CO1	86.87	17.37	69.48	55.58	72.96
			CO2	74.75	14.95	59.80	47.84	62.79
			CO3	81.52	16.30	65.20	52.16	68.46
			CO4	97.79	19.56	78.24	62.59	82.15
22	6CS4-04	Computer Architecture and Organization	CO1	46.07	9.21	36.84	29.47	38.69
			CO2	51.87	10.37	41.48	33.18	43.56
			CO3	87.05	17.41	69.64	55.71	73.12
			CO4	99.19	19.84	79.36	63.49	83.33
23	6CS4-05	Artificial Intelligence	CO1	96.17	19.23	76.92	61.54	80.77
			CO2	92.52	18.50	74.00	59.20	77.70
			CO3	90.32	18.06	72.24	57.79	75.86

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

			CO4	98.44	19.69	78.76	63.01	82.70
24	6CS4-06	Cloud Computing	CO1	94.75	18.95	75.80	60.64	79.59
			CO2	79.86	15.97	63.88	51.10	67.08
			CO3	87.73	17.55	70.02	56.02	73.56
			CO4	99.25	19.85	79.40	63.52	83.37
25	6CS5-11	Distributed System	CO1	82.73	16.55	66.20	52.96	69.51
			CO2	69.63	13.93	55.72	44.58	58.50
			CO3	80.49	16.10	64.40	51.52	67.62
			CO4	100.00	20.00	80.00	64.00	84.00
25	7CS1A	Cloud Computing	CO1	92.87	18.57	65.93	52.74	71.31
			CO2	88.63	17.73	65.93	52.74	70.47
			CO3	82.48	16.50	65.93	52.74	69.24
			CO4	80.16	16.03	65.93	52.74	68.77
26	7CS2A	Information systems & Security	CO1	92.42	18.48	65.69	52.55	71.04
			CO2	68.67	13.73	65.69	52.55	66.29
			CO3	61.96	12.39	65.69	52.55	64.94
			CO4	60.29	12.06	65.69	52.55	64.61
27	7CS3A	Data Mining & Warehousing	CO1	89.19	17.84	58.78	47.02	64.86
			CO2	64.44	12.89	58.78	47.02	59.91
			CO3	43.28	8.66	58.78	47.02	55.68
			CO4	55.72	11.14	58.78	47.02	58.17
28	7CS4A	CAD for VLSI	CO1	74.45	14.89	65.84	52.67	67.56
			CO2	74.33	14.87	65.84	52.67	67.54
			CO3	79.87	15.97	65.84	52.67	68.64
			CO4	81.05	16.21	65.84	52.67	68.88
29	7CS5A	Compiler	CO1	93.48	18.70	65.30	52.24	70.93



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

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

		Construction	CO2	84.93	16.99	65.30	52.24	69.22
			CO3	88.44	17.69	65.30	52.24	69.92
			CO4	85.63	17.13	65.30	52.24	69.36
30	7CS6.3 A	Data Compression Techniques	CO1	91.05	18.21	39.46	31.57	49.78
			CO2	80.14	16.03	39.46	31.57	47.59
			CO3	72.75	14.55	39.46	31.57	46.12
			CO4	49.05	9.81	39.46	31.57	41.38
31	8CS1A	Mobile Computing	CO1	95.76	19.15	76.60	61.28	80.43
			CO2	94.65	18.93	75.72	60.58	79.51
			CO3	97.50	19.50	78.00	62.40	81.90
			CO4	100.00	20.00	80.00	64.00	84.00
32	8CS2A	Digital Image Processing	CO1	76.49	15.30	61.20	48.96	64.26
			CO2	76.01	15.20	60.80	48.64	63.84
			CO3	77.72	15.54	62.16	49.73	65.27
			CO4	76.96	15.39	61.56	49.25	64.64
33	8CS3A	DS Distributed Systems	CO1	99.30	19.86	79.44	63.55	83.41
			CO2	94.46	18.89	75.56	60.45	79.34
			CO3	95.31	19.06	76.24	60.99	80.05
			CO4	98.72	19.74	78.96	63.17	82.91
34	8CS4.2 A	Real Time Systems	CO1	0.00	0.00	0.00	0.00	0.00
			CO2	68.57	13.71	54.84	43.87	57.59
			CO3	82.00	16.40	65.60	52.48	68.88
			CO4	84.25	16.85	67.40	53.92	70.77
AVERAGE								
			CO1	CO2	CO3	CO4		
			62.90%	64.88%	66.03%	68.08%		

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

24. Result Analysis:

Program Code	Program Name	Level/Semester	Number of students appeared in the exam	Number of students passed in the exam
SESSION 2020-21				
6	B.Tech CSE	IIIrd Sem Ist Shift	Students Promoted Due To Covid-19	
56		IIIrd Sem IInd Shift	Students Promoted Due To Covid-19	
6		IVth Sem Ist Shift	Students Promoted Due To Covid-19	
56		IVth Sem IInd Shift	Students Promoted Due To Covid-19	
6		Vth Sem Ist Shift	196	185
56		Vth Sem IInd Shift	57	49
6		VIth Sem Ist Shift	Students Promoted Due To Covid-19	
56		VIth Sem IInd Shift	Students Promoted Due To Covid-19	
6		VIIth Sem Ist Shift	192	192
56		VIIth Sem IInd Shift	59	59
6		VIIIth Sem Ist Shift	RTU Exam Pending	
56		VIIIth Sem IInd Shift	RTU Exam Pending	

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)
1	One Day Teacher Training Workshop	Dr. Nilam Choudhary	CSE	2020	80,402	1 day	TEQIP-III, RTU	Government





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

2	Prelims of Smart India Hackathon (JECRC Hackathon 4.0)	Mr. Mukesh Agarwal	CSE	2020	259371	2 Days	JECRC, Jaipur	Non-Government
3	Entrepreneurship Awareness Camp (MSME)	Mr. Mukesh Agarwal	CSE	2020	4570	1 Day	MSME, Jaipur	Government

26. Details of the teachers recognized as research guides:

	Name of teachers recognized as research guides	PG / PhD Recognition
1	Dr Sanjay Gour	Ph.D.

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	Activity(IPR/Industry-Academia Innovative practices)
1	2021	Essentials of Job Application	20th May 2021	Industry Academia Innovative practices
2	2021	Master Class on Social Engineering	2 nd June 2021	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		

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:

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
Effect of Dimensionality Reduction on Prediction Accuracy of Effort of Agile Projects Using Principal Component Analysis	Manju Vyas	CSE	IOP Conference Series: Materials Science & Engineering (Scopus Indexed)	2021	1757-8981	https://www.scopus.com/sourceid/197002008 31
Towards Utilizing Blockchain for Countering Distributed Denial-of-Service (DDoS)	Avani Sharma	CSE	Revolutionary Applications of Blockchain-Enabled Privacy and Access Control	2021	1062-7375	https://mj.lclarivate.com/journal-profile

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

S. 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	ISBN/ISSN number of the proceeding	Name of the publisher
1	Dr Sanjay Gour	Recent Trends in Engineering & Technology	A perspective of Predictive modeling in Data Mining	RTU-TEQIP-III sponsored International Conference on Recent trends in Engineering and Technology	International Conference on Recent trends in Engineering and Technology	International	978-93-5457-2630.	Arya College of Engineering & Research Centre, Jaipur
2	Dr. Vijeta Kumawat	Rising Threats in expert applications & Solutions	Coronavirus (COVID-19) in India-Statistics & Facts	IEEE Explore, Fourth World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4)	Fourth World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4)	International	978-1-7281-6823-4	IEEE explorer





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

3	Dr. Nilam Choudhary	Algorithms for Intelligent Systems book series	RGB Image Watermarking using DCT	1st International Conference on Intelligence Enable Networks & Computing (IENC-2020)	International Conference on Intelligence Enable Networks & Computing (IENC-2020)	International	978-981-33-6306-9	Springer
4	Dr. Nilam Choudhary	Proceedings of Integrated Intelligence Enable Networks and Computing	Salesforce IOT Cloud Platform		International Conference on Intelligence Enable Networks & Computing (IENC-2020)	International	978-981-33-6307-6	Springer
5	Dr. Nilam Choudhary	Proceedings of Integrated Intelligence Enable Networks and Computing	High Speed SET D Flip-Flop Design for Portable Applications	2nd Doctoral Symposium on Computational Intelligence (DoSCI2021)	International Conference on Intelligence Enable Networks & Computing (IENC-2020)	International	978-981-33-6307-6	Springer
6	Dr. Nilam Choudhary	Proceedings of Second Doctoral Symposium on Computational Intelligence	Enhanced Bio-inspired Trust and Reputation Model for Wireless Sensor Networks	2nd Doctoral Symposium on Computational Intelligence (DoSCI2021)	2nd Doctoral Symposium on Computational Intelligence	International	978-981-16-3346-1	Springer
7	B.Umamahe swari	Rising Threats in expert applications & Solutions	Coronavirus (COVID-19) in India-Statistics & Facts	IEEE Explore, Fourth World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4)	Fourth World Conference on Smart Trends in Systems, Security and Sustainability	International	978-1-7281-6823-4	IEEE explorer
8	Manju Vyas		Effect of Dimensionality Reduction on Prediction Accuracy of Effort of Agile Projects Using Principal Component Analysis	IOP Conference Series: Materials Science & Engineering (Scopus Indexed)	International Conference on Applied Scientific Computational Intelligence using Data Science (ASCI-2020)	International	Volume 1099	IOP Publishing Ltd
9	Ms. Punita Panwar	Recent Trends in Engineering & Technology	A perspective of Predictive modeling in Data	RTU-TEQIP-III sponsored International Conference on Recent trends in	International Conference on Recent trends in Engineering and Technology	International	978-93-5457-2630.	Arya College of Engineering & Research Centre, Jaipur

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

			Mining	Engineering and Technology				
10	Ms. Punita Panwar	Recent Trends in Engineering & Technology	A Perspective of Approaches for pattern based features extraction for earthquake prediction	RTU-TEQIP-III sponsored International Conference on Recent trends in Engineering and Technology	International Conference on Recent trends in Engineering and Technology	International	978-93-5457-2630.	Arya College of Engineering & Research Centre, Jaipur
11	Mr. Amit Mithal	Lecture Notes in Networks and Systems Book series	A Novel Approach to Optimize SLAM Using GP-GPU	Proceedings of International Conference on Data Science	International Conference on Data Science	International	978-981-15-7561-7	Springer

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

S.No.	Date	Activity	Number of participants	Name of the agencies involved with contact details if any
	NIL	NIL		

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
1	Deliver lecture as recourse person	Best recourse person award 2020	Research Culture Society India, Gujrat	2020	Dr. Sanjay Gour

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.: NA





JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JECRC CAMPUS, SHRI RAM KI NANGAL, VIA-VATIKA, JAIPUR

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

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
1	Saksham	GAIL India Ltd.	2021	01	52

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
	Saksham	GAIL	Saksham	2021	55

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

S. 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

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

Session 2020-2021

Sl. No.	Organisation with which MoU is	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

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

1	JECRC	CSRBOX (Renalysis consultancy pvt.ltd)	26 Nov 2020	One Year	1.Essentials in Job Applications 2.Social Engineering	1)362 2)746
2.	JECRC	MYTAT (RVR Innovations LLP)	4 th Feb 2021	Three Years	MYTAT Registration for Student activity	402
3.	JECRC	Department of information technology & Communicatio n, Government of Rajasthan	6 th march 2021	Three Years	NIL	NIL

37. Details of departmental infrastructural & other facilities:

a) Departmental Library (books, journals etc.) :	167 Books and 3 Journals
c) Computers and Internet facilities for staff:	18
d) Total number of class rooms:	8
e) Class rooms with ICT facility:	8
f) Students' laboratory:	11
g) Research laboratories:	01
h) Seminar Hall:	1
i) Smart class room:	4

38. Student – Computer ratio:

Total Number of students	Number of computers for students in working condition	Student Computer Ratio
720	330	2:1

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
Database Management System Lab	https://youtu.be/e06u6V-Xizk
	https://youtu.be/aM165QNd9QQ



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JECRC CAMPUS, SHRI RAM KI NANGAL, VIA-VATIKA, JAIPUR

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

	https://youtu.be/0_XpzPnqv0U
Natural Programming Lab	https://youtu.be/cGCHlgznI2I
	https://youtu.be/DaqSHJu2gBk
	https://youtu.be/TA9nrTyZKps
	https://youtu.be/EY_6BYaygKM
LSP	https://youtu.be/9m85BVfcKIY
Digital Image Processing	https://youtu.be/iCUSKtYGD9I
	https://youtu.be/OZ_SBiellQ0
	https://youtu.be/y4rrBTj_HPE
	https://youtu.be/4Uq-7BTQWdk
	https://youtu.be/NfsljePI9Us
	https://youtu.be/oD9kEk1OKzU
MADL	https://youtu.be/fXA8fKEGQG8
	https://youtu.be/6jh5D4R9D2E
Machine Learning	https://youtu.be/tqIrYe_v8lY
	https://youtu.be/Mscsjf7witw
	https://youtu.be/YDYjPPzkemU
	https://youtu.be/L5RDWGOtIwM
Python	https://youtu.be/ARXCvJOGRkk
	https://youtu.be/TRP2MQflAo0
	https://youtu.be/WK6CeuWj02g
	https://youtu.be/UBiuYhLvg34
	https://youtu.be/2FXtdz8_ESE
	https://youtu.be/CtqtuJskVJw
	https://youtu.be/MenlPwg9Ppk
https://youtu.be/pAbzMDDV08Q	
Big Data Analytics Lab	https://youtu.be/yIKaYXOP7Io
	https://youtu.be/gkUKdqWxzze
	https://youtu.be/ME1jAbRlx5I
	https://youtu.be/-71aHpWe63o
STV Lab	https://youtu.be/7TZ5Af7cTz4
	https://youtu.be/2XJ1xMdTkt4
	https://youtu.be/ursYqUBA0C4
	https://youtu.be/PcpaVV7NbwA

40. Details of maintenance of laboratory and classrooms:

<https://drive.google.com/file/d/1uPGfxAybbC2MlFmibmHB6uXCarqCT8dL/view?usp=sharing>

41. Number of students benefited by scholarships and freeships provided by the Government:



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

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
NIL	NIL	NIL	NIL	NIL

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

Name of the scheme with contact information	Number of students benefited by non-government schemes
Total Students Benefitted	All Students (720)

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

Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
Soft Skills	4 th August to 5 th September 2020	251	Focus Academy for career enhancement
Language and communication	4 th August to 5 th September 2020	251	CSE faculty

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
2020-21	Preplacement Training	251

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

Number of students attending VET	Total number of students
NIL	NIL



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JECRC CAMPUS, SHRI RAM KI NANGAL, VIA-VATIKA, JAIPUR

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 appealed	No. of grievances redressed	Average time for grievance redressal in number of days

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

2020-21			
Number of Students Placed	Name of the Employer with Contact Details	Package Received	Program Graduated from
22	TCS Codevita	3.36 LPA & 7 LPA	JECRC, Jaipur
28	L&T Infotech	3.5 LPA & 5 LPA	JECRC, Jaipur
13	Hexaware	3.5 LPA & 5 LPA	JECRC, Jaipur
6	DXC Technology	3.6 LPA	JECRC, Jaipur
2	Yudiz	3.1 LPA	JECRC, Jaipur
13	E2V LLP	2.4-4 LPA	JECRC, Jaipur
113	Chegg India	30-80 KPM	JECRC, Jaipur
4	Rebus Code	4-4.5 LPA	JECRC, Jaipur
45	Accenture	4.5 LPA & 6.5 LPA	JECRC, Jaipur
67	TCS NQT	3.36 LPA & 7 LPA	JECRC, Jaipur
2	Biz4 Group	4.5-5 LPA	JECRC, Jaipur
3	ZS Associates	9.1 LPA	JECRC, Jaipur
6	Hanu Software	4.2 LPA	JECRC, Jaipur
9	HPE India	8.8 LPA	JECRC, Jaipur
1	Traction On Demand	6.2 LPA	JECRC, Jaipur
9	Unthinkable Solutions	4-5 LPA	JECRC, Jaipur
8	ATCS	4 LPA	JECRC, Jaipur
9	Metacube	3.8-4.7 LPA	JECRC, Jaipur
1	Adglobal360	5 LPA	JECRC, Jaipur
8	Bill Desk	6 LPA	JECRC, Jaipur
1	Xebia	6.14 LPA	JECRC, Jaipur
3	Fexle	2.4 LPA	JECRC, Jaipur
7	Academia Guru	1.8 LPA	JECRC, Jaipur
2	AAPNA	3.1 LPA	JECRC, Jaipur
2	Cloud Analog	2.1-2.4 LPA	JECRC, Jaipur



JAIPUR ENGINEERING COLLEGE AND
RESEARCH CENTRE

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

2	Hashed In	8 LPA	JECRC, Jaipur
2	Celebal Technology	6.5 LPA	JECRC, Jaipur
9	Dotsquares Technologies	3 LPA	JECRC, Jaipur
2	Wonderbotz	4.5 LPA	JECRC, Jaipur
3	NIIT Technology	3.65 LPA	JECRC, Jaipur
1	Hexaview Technologies	4 LPA & 6 LPA	JECRC, Jaipur
6	Infosys	3.6 LPA	JECRC, 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
1	ME(Software System)	Computer Science	BITS Pilani	ME
2	ME (Computer Science)	Computer science	Goa campus	ME
3	ME(Computer Science)	Computer science	IIT banglore	ME

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):

S. No	RTU Roll No.	Branch	Name of Student	GATE Registration Roll No.	GATE Qualified (Yes/No)	Marks Obtained
1	17EJCCS729	CSE	Kartik Katara	CS21S63018351	Yes	45.75
2	17EJCCS041	CSE	Bhavya Vijayvergiya	CS21S53021159	Yes	51.43
3	17EJCCS060	CSE	Harsh Maheshwari	CS21S53016171	Yes	27.38
4	17EJCCS139	CSE	Rajani Sharma	CS21S53021252	Yes	38.14
5	17EJCCS020	CSE	Alok Mehta	CS21S53018407	Yes	39.41
6	17EJCCS304	CSE	Sandeep Jain	CS21S63015107	No	16.04
7	17EJCCS108	CSE	Nihal Gupta	CS21S53017341	Yes	28.33
8	17EJCCS192	CSE	Yash Yadav	CS21S63016095	Yes	41.71
9	17EJCCS104	CSE	Mohit Jain	CS21S53021231	Yes	27.07
10	17EJCCS119	CSE	Poorvanshu Gupta	CS21S63021185	Yes	27.41
11	17EJCCS191	CSE	Yash Vardhan Sharma	CS21S53021179	Yes	49.84
12	17EJCCS144	CSE	Raunak Sarada	CS21S63015171	Yes	40.24

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

13	17EJCCS190	CSE	Yash Agrawal	CS21S53015067	Yes	26.43
14	17EJCCS711	CSE	Anuj Parashar	CS21S63017460	Yes	40.61
15	17EJCCS121	CSE	Pradhyumna Palore	CS21S53001048	Yes	29.28
16	17EJCCS099	CSE	Manish Kumar Garg	CS21S63018293	Yes	57.85
17	17EJCCS070	CSE	Jayesh Joshi	CS21S63018203	Yes	46.85
18	17EJCCS715	CSE	Chandan Kumar	CS21S53018465	Yes	28.65

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 /Admiss
Alibaba Cloud Developer Circle 2021(\$2,000)	National		Mehul Kulshrestha	01	

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

52. Number of sports and cultural activities/competitions organized at the institution level:

S.No.	Name of Student	Year	Roll No.	E-Mail ID	Title of Activity
1	Nikita Mitra	4th	17EJCCS301	nikitamitra2@gmail.com	Fashion Show
2	Nikita Mitra	4th	17EJCCS301	nikitamitra2@gmail.com	Fashion Show
3	Kritik Yadav	3rd	18EJCCS729	kritikyadav.2cse22@jecrc.ac.in	Dance Competition , Smash the Next
4	Saumya Sharma	2nd	19EJCCS170	saumyasharma.2cse23@jecrc.ac.in	Student Co-ordinator
5	Shruti Jain	3rd	18EJCCS161	shrutijain.cse22@jecrc.ac.in	Chess, Techno Quiz
6	Chirayu Jain	2nd	19EJCCS050	chirayujain.cse23@jecrc.ac.in	Flick - Coordinator, Shorgul - 3rd Position
7	Prisha Nama	2nd	19EJCCS134	prishanama.2cse23@jecrc.ac.in	best out of waste, Crafito, brilliant brush art competition, game of series
8	Manish Kumar	3rd	18EJCCS301	manishkumar.it22@jecrc.ac.in	Cache out bugs, Clash of clans, Code hide & seek, Techno quiz, CodeSquash 1.0, National level quiz of Python.
9	Vilsi Jain	3rd	18EJCCS186	vilsijain.cse22@jecrc.ac.in	Ren 21 Technical Core ,War of words,Chess,Tambola ,MUN



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

10	Saksham Sharma	2nd	19EJCCS161	sakshamsharma.cse23@jecrc.ac.in	War of Words Techno Quiz Smart Mind Idiots Talking Tales
11	Tanisha Agrawal	3rd	18EJCCS172	tanishaagrawal.cse22@jecrc.ac.in	solo dance competition , footlose
12	Jahanvi Agrawal	2nd	19EJCCS078	jahanviagrawal.cse23@jecrc.ac.in	solo dance, technoquiz,war of words
13	Arpita Agarwal	3rd	18EJCCS022	arpitaagarwal.cse22@jecrc.ac.in	Website developer,Filter-A- thon,game of series, tambola,emoji trivia
14	Jalesh Khatri	3rd	18EJCCS076	jaleshkhatri.cse22@jecrc.ac.in	Ren 21 core, Website developer, Emoji trivia,Stockbaazi, Dumb charades
15	JyotiSinghal	3rd	18EJCCS079	jyotisinghal.cse22@jecrc.ac.in	Renaissance Website Developer, Footlose coordinator, Filter a thon, Dumb charades, Tambola, Emoji trivia
16	GarvitKhandelwal	3rd	18EJCCS054	garvitkhandelwal.cse22@jecrc.ac.in	tambola, stockbaazi,emoji trivia
17	Ishita Jain	3rd	18EJCCS074	ishitajain.cse22@jecrc.ac.in	Dumb charades, Treasure hunt, Bootstrapping
18	Pawan Kr Baldewa	3rd	18EJCCS119	pawankumarbaldewa.cse22@jecrc.ac.in	Techno quiz, War of words, Code hide and seek- Coordinator
19	PracheerKhandew al	3rd	18EJCCS121	pracheerkhandelwal.cse22@jecrc.ac.in	Emoji Triva, Stockbazzi, Best out of Waste, Herculian Trial, Call of Duty
20	Divyesh Gupta	2nd	19EJCCS059	Divyeshgupta it23@jecrc.ac.in	Filter-A-thon, Shorgul, Reel It Feel It, Flick
21	AkashVerma	2nd	20EJCCS900	akashverma.2cse23@jecrc.ac.in	Smart Mind Idiots
22	AkashVerma	2nd	20EJCCS900	akashverma.2cse23@jecrc.ac.in	Smart Mind Idiots

53. Details of the contributions of alumni in the development of the department/ institution through financial and non-financial means:

Sr. No	Date	Title	Speaker	Attendees	Duration
	NIL	NIL	NIL	NIL	NIL

54. Details of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies:



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

Sr.No	Name of teacher	PAN	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support(RE MARK)
1	Dr. Sanjay Gour	ANYPG8860F	ICATCT-2K20	BJIT	2500
2	Dr. Vijeta Kumawat	ARPPK9267P	ICATCT-2K20	BJIT	2500
3	Dr. Nilam Choudhary	AI TPN0639E	ICATCT-2K20	BJIT	2500
4	Ms. Neha Solanki	BEUPS5177P	ICATCT-2K20	BJIT	2500
5	Mr. Sachin Gupta	BEGPG5297A	ICATCT-2K20	BJIT	2500
6	Mr. Rajan Kumar Jha	AJUPJ2510R	ICATCT-2K20	BJIT	2500
7	Ms. Priyanka Mitra	BQQPM4863	ICATCT-2K20	BJIT	2500
8	Ms. Garima Garg	BMFPG7709	ICATCT-2K20	BJIT	2500
9	Ms. Yogita Panjabi	BIPPP2666H	ICATCT-2K20	BJIT	2500
10	Ms. Abhilasha Kumari	AROPA6326J	ICATCT-2K20	BJIT	2500
11	Mr. Abhishek Jain	ALUPJ5977C	ICATCT-2K20	BJIT	2500
12	Mrs. Anima Sharma	BKYPS2957	ICATCT-2K20	BJIT	2500
13	Mr. Gajendra Kumar	BLQPS5891H	ICATCT-2K20	BJIT	2500
14	Ms. Richa Sharma	CHZPS0192P	ICATCT-2K20	BJIT	2500
15	Ms. Manju Vyas	ADYPV1503	ICATCT-2K20	BJIT	2500
16	Mr. Kanishk Jain	AMLJP3549E	ICATCT-2K20	BJIT	2500
17	Mr. Anoop Kumar	BIYPM2518	ICATCT-2K20	BJIT	2500
18	Mr. Pradeep Kumar	CUWPS3997	ICATCT-2K20	BJIT	2500
19	Mr. Abhishek Dixit	AXDPD8864	ICATCT-2K20	BJIT	2500
20	Ms. Tanya Shruti	EJXPS5335A	ICATCT-2K20	BJIT	2500
21	Mr. Amit Mithal	AKXPM4065	ICATCT-2K20	BJIT	2500
22	Ms. Avani Sharma	EIWPS1868C	ICATCT-2K20	BJIT	2500
23	Ms. Girija Lavania	ALQPL3272N	ICATCT-2K20	BJIT	2500
24	Mr. Ashish Ameria	AVBPA4524	ICATCT-2K20	BJIT	2500
25	Ms. Garima Ojha	AAVPO4816	ICATCT-2K20	BJIT	2500
26	Ms. Suniti Chouhan	BMUPB9566	ICATCT-2K20	BJIT	2500
27	Ms. Sweety Jain	HBOPS5223K	ICATCT-2K20	BJIT	2500

55. Number of professional development/administrative training programs organized by the department for teaching and non-teaching staff:

Number of teachers who attended	Title of the professional development program	Date and Duration(from-to)
08	Google Cloud Computing Foundation Program	26-3-21 to 31-3-21





JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

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

02	Wipro Certified Faculty Program	25-8-20 to 25-9-20
27	5 Days Workshop on Natural Language Processing using Python	1-9-20 to 5-9-20

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

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Richa Sharma	Artificial Intelligence	2/11/2020-6/11/2020
	Data & Life Sciences	10/08/20-14/08/20
	Thought Management & Leadership	28/09/20-30/09/20
	Data Analytic Techniques for Research & Innovation & their Advancements	29/08/2020-02/09/2020.
Manju Vyas	Statistical Learning-Based Internet of Things	10/3/2021-14/03/2021
	Applications of Mathematical Modelling in Science and Engineering	25/07/2020 to 27/07/2020
	“Database Management System through INFYTQ Platform”	22nd July to 24th July 2020
Anima Sharma	Artificial Intelligence	2/11/2020-6/11/2020
	Data & Life Sciences	10/08/20-14/08/20
Mr. Rajan Kumar Jha	Quantum Computing	2nd March-6th March 2021
	Recent Trends in Circuits and Communication	Feb 19-23 2021
Tanya Shruti	Quantum Computing	2nd March-6th March 2021
Abhishek Jain	UNIVERSAL HUMAN VALUES	23rd to 27th November, 2020

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

	Trends and Application in Machine Learning and Deep Learning	04th Sep. to 05th Sep. 2020
	Cyber Security and Cyber Forensics	21th Sep. to 25th Sep. 2020
	Data Analytic Techniques for Research & Innovation & their Advancements	29th Aug. to 02nd Sep. 2020
	Artificial Intelligence and Machine Learning Using Python	10th Sep. to 12th Sep. 2020
	Thought Management & Leadership	28/09/20-30/09/20
	Natural Language Processing using Python	1/09/2021 to 5/09/2021
	Recent Advancement in Machine Learning and Artificial Intelligence	16th to 21st March, 2021
B.Umamaheswari	Quantum Computing	2nd March-6th March 2021
Dr. VijetaKumawat	Quantum Computing	2nd March-6th March 2022
	Entrepreneurial Mentoring Skills	21-26 September 2020
	Inculcating Universal Human Values in Technical Education	26 April, 2021 to 30 April, 2021
	Applications of Mathematical Modelling in Science and Engineering	25/07/2020 to 27/07/2020
Neha Solanki	Quantum Computing	2nd March-6th March 2021
	Linux	4th -9th January 2021
	Outcome Based Education	19/8/2020 to 21/8/2020
	Image Processing Techniques for Real word Applications	8/8/2020 to 12/8/2020
Dr. NilamChoudhary	Universal Human Values	8-12 Feb. 2021
	Quantum Computing	2nd March-6th March 2021
	“Artificial Intelligence and its Applications”	26-30 dec. 2020
	Entrepreneurial Mentoring Skills	21-26 September 2020
Sachin Gupta	Cyber Security and Cyber Forensics	1. 21/09/2020 to

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

		25/09/2020
	Data Analytic Techniques for Research & Innovation & their Advancements	29/08/2020 to 2/09/2020
	Artificial Intelligence and Machine Learning using Python	10/09/2020 to 12/09/2020
	Outcome Based Education	19/8/2020 to 21/8/2020
	Quantum Computing	02/03/2021 to 06/03/2021
Ashish America	Data Analytic Techniques for Research & Innovation & their Advancements	29/08/2020 to 2/09/2020
	Artificial Intelligence and Machine Learning using Python	10/09/2020 to 12/09/2020
	Outcome Based Education	19/8/2020 to 21/8/2020
	Quantum Computing	02/03/2021 to 06/03/2021
Kanishk Jain	Artificial Intelligence and Machine Learning using Python	10/09/2020 to 12/09/2020
	Quantum Computing	02/03/2021 to 06/03/2021
Geerijalavania	Recent Advancement in Machine Learning and Artificial Intelligence	16th to 21st March, 2021
	"Artificial Intelligence and its Applications"	26-30 dec. 2020
	Recent Trends in Circuits and Communication	Feb 19-23 2021
	Quantum Computing	2nd March-6th March 2021
	Entrepreneurial Mentoring Skill	21-26 Sept, 2020
Pradeep Kr. Sharma	Data Analytic Techniques For Research & Innovation & Their Advancements	29/08/2020 to 02/09/2020
	Outcome Based Education	19/8/2020 to 21/8/2020
	Quantum Computing	2nd March-6th March 2021
Suniti Chouhan	Quantum Computing	2nd March-6th March 2021
Anoop Kumar Mehta	Outcome Based Education	19/8/2020 to 21/8/2020
	Quantum Computing	02/03/2021 to 06/03/2021
Mr Amit Mithal	Quantum Computing	02/03/2021 to 06/03/2021
	Outcomes Based Education	19/8/2020 to 21/8/2020
	Entrepreneurial Mentoring Skills	21 to 26 Sept 2020

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

	Thought Management and Leadership	28 to 30 Sept 2020
MrNeeraj Prakash Shrivastava	Quantum Computing	2nd March-6th March 2021
	PYTHON	1st - 6th March 2021
	Project Management	8th - 13th March 2021
Ms Anju Rajput	Nanotechnology Based Green Energy Solution For Solar Cells	10-Sep to 14 Sep 2020
	Emerging Trends in Organic Electronics	27/7/20 to 29/7/20
	Outcomes Based Education	19/8/2020 to 21/8/2020
	Universal Human Value	19-23 October, 2020
MsAvani Sharma	Outcome Based Education	19/8/2020 to 21/8/2020
	Natural Language Processing using Python	1/09/2021 to 5/09/2021
	Quantum Computing	2nd March-6th March 2021
MsGarima Garg	Outcome Based Education	19/8/2020 to 21/8/2020
	Quantum Computing	2nd March-6th March 2021
	Natural Language Processing using Python	1/09/2021 to 5/09/2021
Ms Priyanka Mitra	Quantum Computing	2nd March-6th March 2021
SweetySinghal	Quantum Computing	2nd March-6th March 2021
	Natural Language Processing using Python	1/09/2021 to 5/09/2021
	Outcome Based Education	19/8/2020 to 21/8/2020
Ms. Pratibha	Machine Learning & Data Science	14/12/2020 to 18/12/2020
	Modern Teaching Evaluation and Research Methods	02/06/2021 to 07/06/2021
	Quantum Computing	02/03/2021 to 06/03/2021
Ms. Priya Jyotiyana	Quantum Computing	02/03/2021 to 06/03/2021
	Data Science	15/03/2021-26/03/2021
	Cyber Security	3/05/2021-8/05/2021

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

	Cloud Computing	10/05/2021-15/05/2021
Ms. Yogita Punjabi	Outcomes Based Education	19/8/2020 to 21/8/2020
	Data Analytic Techniques for Research & Innovation & their Advancements	29th Aug. to 02nd Sep. 2020
	Trends and Application in Machine Learning and Deep Learning	04th Sep. to 05th Sep. 2020
	Stress & Anger Management	15-12-2020 to 19-12-2020
	Machine Learning	11 -23 Jan 2021
Ms.PunitaPanwar	Quantum Computing	02/03/2021 to 06/03/2021
Abhilasha	Recent Advancement in Machine Learning and Artificial Intelligence	16th to 21st March, 2021
	Quantum Computing	02/03/2021 to 06/03/2021
	Recent Trends in Circuits and Communication	Feb 19-23 2021
	Recent Advances in Material Characterization Techniques	Feb 15-19 2021
TriptiDua	Outcomes Based Education	19/8/2020 to 21/8/2020
	Emerging Trends in Organic Electronics	27/7/20 to 29/7/20
	Mathematical Modelling and Simulation of Dynamic Systems related to Cyber Defense	7/6/21 to 11/6/21
MrGajender Sharma	Quantum Computing	02/03/2021 to 06/03/2021
	Applications of Machine learning and Data Science in Engineering Technology	15/12/20 to 19/12/20
	Entrepreneurial Mentoring Skills	21/09/2020 - 26/09/2020

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

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

58. Details of quality enhancement initiatives in the academic and administrative domains of the department:





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

Name Of Quality Initiative	Date Of Conducting Activity	Number Of Participants	Feedback Of Event	Department Faculty Co-Ordinator
TEQIP -III Sponsored Faculty Development Program on Natural language Processing using Python	01-09-20 to 05-09-20	117	Participants learned about Natural Language Processing using Python	Dr. VijetaKumawat Mr. Abhishek Jain
Webinar on Adoption of IOT solutions to increase data collection for Data Analysis	23-12-20	143	Students got knowledge about latest trends in the field of Internet of Things and Artificial Intelligence.	Mr. Kanishk Jain Mr. Ashish America
Workshop on Cyber Security	26-05-21	235	Students got awareness about Secure Digital Experiences.	Mr. Kanishk Jain Mr. Ashish America
Workshop on Salesforce CRM	29-05-21	164	Participants got knowledge about various types of CRM and concept of Salesforce Technology.	Mr. Kanishk Jain Mr. Ashish America
Webinar on Website Hacking and Bug Bounty	23-07-20 to 24-07-20	99	Students got knowledge about latest trends in the field of computer networks. Participants understands about various types of computer security threats and the solutions to prevent them.	Mr. Kanishk Jain Mr. Ashish America
TEQIP - III(ATU) Sponsored one day industry expert talk on Cloud GCP Console & AWS	2/3/2021	350	Students got knowledge about cloud GCP Console and AWS	Dr. Nilam Chaudhary
Cyber Security	2/9/2020	483	Students got awareness about various cyber-crimes and cyber security measures.	Dr. Nilam Chaudhary Ms. GeerijaLavania

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

			examples of what to do and what not to do in an interview i.e. interview etiquettes.	
3rd National Conference on Contemporary issues in Computer Technology NCICT-2021	22-6-21 to 23-6-21		The national conference gives opportunities to the students of final year and participants to present paper and publish their views	Dr. Sanjay Gour Ms. SweetySinghal Ms. Garima Garg
ICATCT 2020	27-28 August 2020		The international conference provides exchange of knowledge between researchers.	Dr. Sanjay Gour Dr. Vijeta Kumawat

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	

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

61. Details of the final year project:

Total Projects = 67

In House Projects = 67

Industry Projects = NIL

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

Department take various initiatives to improve the teaching learning:

- ICT based teaching learning activities taken in the action.
- Subject wise /Unit wise Lecture notes are available on the college website as ready reference of course.
- Lab videos are available on the college website in the student corner.
- The pattern of outcome based education / learning / Bloom Taxonomy are followed by the department.

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

- Numbers of workshops are organised by the department to improve the student skill with reference of better placement and lifelong learning. By these activities department works in the direction of fulfilling of the curriculum gap.
- There are active coding clubs in the department. The club provides awareness and update to students' to enhance skills despite the university syllabus.
- Department works on weak student and also mentor advance learner.
- Department organises conferences in which final years student and other participant present their paper, this activity supports students to develop research and presentation skill. Each students of final year write a paper along with faculty member.
- Department works in the direction of Automation activities in this a good number of students are certified. Department also trains students through RPA classes on weekly basis with regular curriculum.
- Students of the department successfully established their start-ups and running. Some of the students also created YouTube channels in the area of consultancy and running successfully.
- Departments' senior faculty members are delivering MOOCs in leading education bodies of the nation like UGC-CHRD of University of Delhi, AICTE sponsored STTP, Amity University etc.
- Faculty members are also developed e-content in association of affiliating university.
- Internal internship opportunity is provided by the department to the students.

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

(~~Computer Science and Engineering~~)
Head of the Department
Computer Science & Engineering
JECRC, Jaipur