

INFORMATION FOR ACADEMIC AND ADMINISTRATIVE AUDIT OF THE DEPARTMENT

(2019-2020)

1. Name of the Department: Civil Engineering

2. Year of establishment: 2009

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.	Nil	Nil	Nil	Nil	Nil

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
2019-20	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 docume nt
Nil	Nil	Nil	Nil	Nil	Nil

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
CE	YES	YES	105	2019-20	https://drive.goo gle.com/file/d/1 7d7w2GXII6Hn BY7sUVvncKS DMwq6DQB/vi ew?usp=sharing



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

Year	Title of the programme	Type of the programme (Certificate/ Diploma programs/ Add-on programs)	Total Number of students enrolled in certificate or diploma or add-on programs	
2019-2020	Advance Concrete Technology (Course)	Add-on programs	60	

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

S. No.	Name of the value added courses (with 30 or more contact hours) offered during last five years	Course Code	Year of offering	Year of discontinuation	Number of students enrolled in the year	Number of student's complete in the course the year
NIL	NIL	NIL	NIL	NIL	NIL	. NIL



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

Progra m name	Progra m code	No of students undertakin g field projects / internships	Link the relevant document
B.Tech (Civil Engg.)	105	386	https://drive.google.com/file/d/1-7d7w2GXII6HnBY7sUVvncKSDMwq6DQB/view?usp=sh aring

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

S N	Stakeho lder	Depa rtme nt	Feed back Recei ved	Act ion Ta ken	Link for Document
1.	Alumni	CE	Yes	Yes	https://drive.google.com/file/d/1_WTnqAI7j9N2d3QP5 zJyHadOjyMOi89J/view?usp=sharing
2.	Students	CE	Yes	Yes	https://drive.google.com/file/d/1V8Y68EN- Bxh6cfIoSdWq5QI00A6zTAhl/view?usp=sharing
3.	Teachers	CE	Yes	Yes	https://drive.google.com/file/d/1T5lKzHxjFnq6h4nBjDl GxJcHSe6YfdIJ/view?usp=sharing



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

Year of enrolment	Number of students	Number of students	Link of the
	enrolled from other	enrolled from other	relevant
	states	countries	document
2019-20	05	00	

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	CE	105	120	123

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

29 % of total sanctioned seats	Year	earr	narked fo egory as p	umber of seats arked for reserved ory as per GOI or Government rule		Number of students admitted from the reserved category			
		SC	ST	OBC	SC	ST	OBC	Gen	Others
	2019-20		1		16	16	41	49	00



Name of the student enrolled under Differently bled 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: NIL

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

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 fulltime 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- 2020	390	Nil	21	NIL	21	18.57



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

Designation	Sanctioned*	Filled
Professor	01	01
Associate Professor	02	00
Assistant Professor		20
Total		21

^{*}Considering 20:1 Student ratio

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

Year	Total No. Fulltime teachers	No. Of teachers with PhD
2019 -2020	20	01

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/fellow ship at State/National/International level	Relevant link
2019-2020	Nil	Nil	Nil

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

	No. of teachers from other states
2019-2020 21	3



21. Details of examination related grievances received if any.

No. of examination related grievances received in session 2019-20: 2 (Link Attached)

22. Adherence to the academic calendar:

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

24. Result Analysis:

Program Code	Program Name	Level / Semester	Number of Students Appeared in the Exam	Number of Students Passed in the Exam
105	B.Tech (Civil Engg.)	II Year / III Semester	118	87
105	B.Tech (Civil Engg.)	II Year / IV Semester	-	Result Awaited
105	B.Tech (Civil Engg.)	III Year / V Semester	131	77
105	B.Tech (Civil Engg.)	III Year / VI Semester	-	Result Awaited
105	B.Tech (Civil Engg.)	IV Year / VII Semester	133	116
105	B.Tech (Civil Engg.)	IV Year / VIII Semester	133	129



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	Name of the Project/ Endowme nts, Chairs	Name of the Princip al Investig ate or	Depart ment of Principa 1 Investig ator	Year of Awa rd	Funds proví ded	Durati on of the projec t	Name of the Fund ing Agen cy	Type (Government /non- Government)	Releva nt Docum ent link
	Nil	Nil	Nil	Nil	Nil	Nil	Nil	NII	Nil

26. Details of the teachers recognized as research guides:

S. No.	Name of teachers recognized as research guides	PG/PhD Recognition
1	NIL	NIL

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

S. No.	Year	Name of the workshop/seminar	Date From-To	Activity(IPR/Industry- Academia Innovative practices)
	2019-2020	NIL	NIL	NIL



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

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

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

S N o.	Title of paper	Name of the author/ s	Dep art me nt	Name of journal	Year of public ation	ISSN numb er	Link to the recognition in UGC enlistment of the Journal
1	Manage ment of ammoni ac waste, generate d from cold storages	Monika Sharma	CE	Intellectuals society for socio- techno welfare(ISST)	15.2.20 17	0976- 7371	Management of ammoniacal waste, generated from cold storages
2	Evaluati on of use of Kota Stone mining waste as fine aggregat e in bitumino us courses	Rahul Agrawa I	CE	ICRTESM	28- May- 17	978 - 81- 934083 - 1- 5	
3	Evaluati on of use of Kota Stone	Rahul Agrawa 1	CE	IJETMAS	May, 2017	2349- 4476	



	La company of the same of the		JECR	C Campus, Shri Ram Ki Nangal, Via	-Vatika, J	aipur	
	mining waste as fine aggregat e in bitumino us courses						
4	Assessm ent of optimum flyash and lime for weak subgrade in the design of flexible pavemen ts	Mr.Tee kam Singh	CE	IJTRS	AUG. 2017	2454- 2024	
5	A study on Earth quake Resistan t techniqu es in Building s	Mr.Hetr am Sharma	CE	IJDACR	3/8/201	2319- 4863	A study on Earth quake Resistant techniques in Buildings
6	Study of Shear Wall Frame Structur e Subjecte d to Earthqua ke Loading in G+15 Building	Yogesh Kumar Agrawa I	CE	IJERT	29.01.2 018	2278- 0181	
7	Study of	Amit	CE	IJERT	29.01.2	2278-	



			JECR	C Campus, Shri Ram Ki Nangal, Via	018	0181	
	Shear Wall Frame Structur e Subjecte d to Earthqua ke Loading in G+15 Building	kumar mittal					
8	Study of Shear Wall Frame Structur e Subjecte d to Earthqua ke Loading in G+15	Akhil Mahesh wari	CE	IJERT	29.01.2 018	2278- 0181	
9	Road Safety Audit: Challeng e And Remedie s	Mr.Hetr am Sharma	CE	International Journal of Engineering Research and Applications (IJERA)	Jan-18	2248- 9623	
1 0	Physical Properti es of Fly Ash based Geopoly mers	Prateek kr. Sharma	CE	International Conference on Recent Trends in Environment Sustainable Development(RTESD- 2018)	2/23/20 18		
1 1	of driver's personal ity on traffic accident	Mr.Tee kam Singh	CE	International Research Journal of Engineering and Technology (IRJET)	Mar-18	2395- 0072	

JAIPER ENGINEERING COLLEGE, AND RESEARCH CENTRE

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

1 1			JECR	C Campus, Shri Ram Ki Nangal, V	lia-Vatika,	Jaipur	
	s in India: A Review					•	
1 2	A Study on Soil Improve ment Techniq ues	Mr.Tee kam Singh	CE	International Journal of Engineering and Science Invention(IJESI)	Mar-18	2319 – 6726	
1 3	Accident Study to Analysis the Traffic Conflict Areas of Jaipur City	Mr.Tee kam Singh	CE	International Journal of Engineering Research and Applications (IJERA)	Mar-18	2248- 9622.	
1 4	Effects of driver's personal ity on traffic accident s in India: A Review	Mr.Hetr am Sharma	CE	International Research Journal of Engineering and Technology (IRJET)	Mar-18	2395- 0072	
1 5	A Study on Soil Improve ment Techniq ues	Mr.Hetr am Sharma	CE	International Journal of Engineering and Science Invention(IJESI)	Mar-18	2319 – 6726	
1 6	Accident Study to Analysis the Traffic Conflict Areas of Jaipur City	Mr.Hetr am Sharma	CE	International Journal of Engineering Research and Applications (IJERA)	Mar-18	2248- 9622	
1 7	"Explora tion of	Dr. Omprak	CE	International Journal of Advanced Science and	1 Februar	2207- 6360	"Exploration of Qualitative



_	1		JECK	C Campus, Shri Ram Ki Nangal, Vi		Jaipur	
	Qualitati ve Characte ristics of Ground Water at Chakrata Block in Dehradu n.	ash Netula		Technology	y 2020		Characteristics of Ground Water at Chakrata Block in Dehradun.
1 8		Teekam Singh	CE	IJCRT	3 March 2020	232028 82	
1 9	UTILIZ ATION OF FLY ASH AS A CEMEN TATIO US MATER IAL IN CONCR ETE	Narendr a Sipani	CE	IJCRT	3 March 2020	232028 82	
2 0	SOIL STABIL ISATIO N USING HUMA N HAIR FIBER	Jitesh Kumar Jain	CE	IJCRT	05 March 2020	232028	
2 1	A REVIE	Jitesh Kumar	СЕ	IJCRT	05 March	232028 82	



	W: USE OF PLASTI	Jain		Campus, ont than the trangat, t	2020	output	
	C WASTE IN ROADC ONSTR UCTIO						
	N						
2	ROAD DEVEL OPMEN T	Hetram Sharma	CE	IJCRT	3/3/202	232028 82	*
	1)Solar Tree: A Source of						
2 3	Energy 2) USE OF STEEL SLAG IN FLEXIB LE PAVEM ENT	Nida Khanam	CE	IJCRT	March 2020	232028 82	
2 4	use of plastic waste in construc tion of bitumino us road	Shivang ni Khandel wal	CE	IJCRT	March 2020	232028 82	
2 5	A STUDY ON PROPE RTIES OF CONCR ETE MADE	Akhil Mahesh wari	CE	IJCRT	March 2020	232028 82	

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			JECR	C Campus, Shri Ram Ki Nangai, V	na-Varina,	varbus.		-
	USING SILICA FUMES							
2 6	SOIL STABIL ISATIO N USING HUMA N HAIR FIBER	Akhil Mahesh wari	CE	DCRT	March 2020	232028 82		
2 7	ROAD ACCID ENT ANALY SIS IN RAJAS THAN	Dr. Omprak ash Netula	CE	DCRT	3 March 2020	2320- 2882	*	
2 8	REPLA CEMEN T OF SAND WITH FLY ASH	Sudhir	CE	IJCRT	March 3,2020	2320- 2882		
2 9	PERVIO US CONCR ETE	Dr. Omprak ash Netula	CE	International journal of creative research thoughts	6 June 2020	2320- 2882		
3 0	CASE STUDY ON CATCH MENT AREA OF CHINA V RIVER (KISHT WAR,J &K	Dr. Omprak ash Netula	CE	UCRT	6 June 2020	2320- 2882		
3	Replace	Dr.	CE	IJCRT	6 June	2320-		



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

S. N	Nam e of Teac her	Title of the book/cha pters publish ed	Titl e of the pap er	Title of the procee dings of the confere nce	Name of the confer ence	Nati on al / inte rna tion al	Yea r of pub lic atio n	ISBN/ ISSN numb er of the procee ding	Affiliat ing Institut e at the time of publica tion	Nam e of the publ ish er	Rele van t link
1	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

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

S. No	Program Details	Collaborating Agency	Number of Participated Students	Remarks
1	NIL	NIL	NIL	NIL



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

S. No.	Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ recognized bodies	Year of award	Name of the Faculty
1.	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.:

S. No.	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.	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.

S. No.	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.	NIL	NIL	NIL	NIL	NIL

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
1.	NIL	NIL	NIL	NIL	NIL

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

S. No.	Organization 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
1.	NIL	NIL	NIL	NIL	NIL	NIL

- 37. Details of departmental infrastructural & other facilities:
- (a) Departmental Library (books, journals etc.): Yes

(b) Computers and Internet facilities for staff: Yes

(c) Total number of class rooms: 06

(d) Class rooms with ICT facility: Nil

(e) Students' laboratory:10

(f) Research laboratories: YES

(g) Seminar Hall: yes

(h) Smart class room: Nil

(j) Any other facility LCDs: Nil

38. Student - Computer ratio:

Total Number of students	Number of computers for students in working condition	Student Computer Ratio
390	26	390/26

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 center and recording facility
	https://jecrcfoundation.com/student-corner/lab-videos

40. Details of maintenance of laboratory and classrooms:

Link:



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

Name of the scheme	Number of students benefited by government scheme(Scholarships)	Number of students benefited by government scheme(free ships)	State Minority Scholarship	Merit Cum- Means Scholarship
110	NIL	NIL	NIL	NIL

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

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

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 benefitted 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 counseling/Competitive exam activities	
2019-2020	CRT	133	

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

Number of students attending VET	Total number of students
NIL	NIL

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	
None	None	None	

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

Number of students placed	Name of the employer with contact details	Package received	Program graduated from	
9	GR Infra	3.58	B.Tech	
7	HG Infra	3.00	B.Tech	
3	Aashiana Housing Ltd	3		
7	Accenture	4.25	* B.Tech	
1	Alibaba	1.8	B.Tech	



1	Byju (Off Campus)	10	B.Tech
1	Chegg	2.5	B.Tech
3	Marvel infocom	1.8	B.Tech
1	Novum Ventures Pvt	1.8	B.Tech
13	Pinnacle	2.5	B.Tech
2	TCS NQT	3.66	B.Tech

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
Alan Sam Jacob	M.Tech	Environmental Engineering	Sept 2020	IIT Madrash
Natthi Lal Kushwah	M.Tech	Transportation Engineering	Sept 2020	Malaviya National Institute of Technology Jaipur
Yogesh Gupta	M.Tech	Environmental Engineering	Sept 2020	Visvesvaraya National Institute Of Technology, Nagpur
Vikas Kumar	M.Tech	Structural Engineering	Sept 2020	National Institute Of Technology, Jamshedpur



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):

Year	Registration number/roll number for the exam	Name of students selected/ qualifying						
		NET	GATE	CA T	IELE T	Other equivalent examination/IB PS	State government examination s/ Central government examination s	
2020	CE20S83021371		Ajay Kumar Meena					
2020	CE20S83016120		Alan Sam Jacob					
2020	CE20S83021155		Anuj Golya					
2020	CE20S83019052		Dhananjay Kumar					
2020	CE20S73021291		Dheeraj sharma					
2020	CE20S73019209		Gurkirat Singh Shergill					
2020	CE20S73021185		Himanshu Gupta					
2020	CE20S83021141		Jai Sharma					
2020	CE20S73021580		Kamlesh Choudhary				kmi wi	
2020	CE20S83019132		Lokendra Meena			PHHAMA		
2020	CE20S73019044		Mahesh Kumar Merotha					
2020	CE20S73019063		Mukesh Kumar prajapat			Total III		
2020	CE20S83017193		Palak Sirohiwal					
2020	CE20S73019137		Pankaj Kumar verma					
2020	CE20S73019483		PARAS					
2020	CE20S83021270		Rahul Arora					
2020	CE20S83019009		Rishabh Raj Ranawat					
2020	CE20S73002125		SAURABH JAIN					
2020	CE20S83021283	1704	Sunil Kumar Bairwa					
2020	CE20S83021310		Tanishq Saugat					
2020	CE20S73021288		Tarun Kumar Jain				The second	



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JECRC Campus, Shri Ram Ki Named Ville

2020	CE20S73019561	Tushar Sharma	ai, via-vatika, Jaipur
2020	CE20S83021172	Vikas Kumar	
2020	CE20S83017204	Vivek kushwah	
2020	CE20S73016171	Mohammd Shahid Ali Khan	

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:

No New Departmental Students Chapters Opened during Academic Year 2019-20

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

Year	Name of the Activity			
Tear	SPORTS	CULTURAL		
2019-2020	NIL	NIL		

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
1	10-08-2019	Introduction with new comers to alumni	Miss Sukanya Sharma	120	2 hours



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

S. No	Name of teacher	PAN	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which member ship fee is provided	Amount of support(REMARK)
1	NIL	NIL	NIL	NIL	NIL

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

S. No	Title of the professional development program organized for teaching staff	Title of the administrative training program organized for non-teaching staff	Dates (from- to)	Dates (from- to) Non- teaching	No. of participants (Teaching Staff)	No. of participants (Nonteaching Staff)
1	Sustainable Environmental Management	Nil	10-14 February 2020	Nil	50	Nil



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)
21	ICT Based STC program on "Sustainable Environmental Management"	10/02/2020 -14/02/2020

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		

- 58. Details of quality enhancement initiatives in the academic and administrative domains of the department:
- 59. Number of gender equity promotion Programmes organized by the department:

S N	Name of The activity	Organizing unit/ agency/collaboratin g agency	Name of the scheme	Year of the activity	Number of students participated in such activities
1	NIL	NIL	NIL	NIL	NIL

- 60. Details of the PBL topics floated by the department:
- 61. Details of the final year project:

Total ---- 25

In House - 25

Industry - NIL



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

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

Civil Engineering Civil Engineering

Trekom singh)

(Mida Khanam)

Jaipur Engineeriksi College & Regearch Centre
Tonk Road, Jakar-802022