



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE



POINT 4.1.1

The Institution has Adequate Infrastructure and Physical Facilities for Teaching- Learning. Viz., Classrooms, Laboratories, Computing Equipment Etc.



2024-25

Website: <https://jecrcfoundation.com/>



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Criteria	4-Infrastructure and Learning Resources
Key Indicator	4.1 Physical Facilities
Metric	4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

S. No.	Infrastructure	Total Count	Description	Related Link
1	Classroom	51	ICT Enabled (WI-FI + DESKTOP + PROJECTOR)	View Document
2	Laboratory	64		
3	Smart Classroom	10	ICT Enabled (LAN + DESKTOP + PROJECTOR)	
4	Computer Centre	1	ICT Enabled (LAN + DESKTOP + PROJECTOR)	
5	Seminar Hall/ Conference Room	6	ICT Enabled (LAN + DESKTOP + PROJECTOR)	
6	Auditorium	2	1. 300 seating capacity 2. 550 seating capacity	
5	JECRC Campus	10.54 acres	Audited Statement Attached	View Document
6	Bandwidth	1 Gbps	1 Gbps bandwidth is provided with WIFI facility across the campus.	View Document
7	Geotagged photo of facilities		Document Attached	View Document
8	Recording Room	2	Faculties record their video lectures and lab experimental videos.	View Document
S. No.	Teaching Learning	Total Count	Description/Activities	Related Link
1	Centre of Excellence / Skill Enhancement	36	1. Google Cloud: The aim of this course is to provide students with little to no background or experience in cloud computing a detailed overview of concept covering cloud basics, big data and machine learning and where and how the Google cloud platform fits in. 2. E-Vehicle and Automation: Provide solutions to challenges in development and adaption of E-Vehicles including supporting infrastructure. 3. Celonis: It is a world leading provider of process mining technology. To train the faculty and students adding such	View Document



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		technology to the curriculum of academic activities. 4. Infosys Campus Connect: Campus Connect team at Infosys is glad to invite you for a Train the Trainer (TTT) program on different technology (JAVA, artificial intelligence, etc). 5. Unnat Bharat Abhiyan: Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions. 6. Theos: The Theos Club is a student-led organization committed to sparking interest, facilitating learning, and nurturing skill development in the field of civil engineering. It serves as a dynamic platform for aspiring engineers to explore innovative ideas, enhance their knowledge, and prepare for impactful careers in the industry. 7. Upflairs: will provide industrial exposure to selected students of JECRC foundation, JAIPUR by way of internship and training opportunities to the extent of feasibility and requirement. 8. Embedded System and Design: Gyani 2.0 (3-D Printed Chabot with motion sensors and voice detection), Fire-fighter robots, Smart Dustbin, Quad-copter, Persistent of Vision (POV) and motion sensor robots and some of the models are related to small projects by students. 9. Science and Spiritual: The centre is developed to assist students to amalgamate science and spirituality. In view of sharing this idea to a larger number of students and masses, expansion of this COE is also proposed. 10. Atrangi: It is known of talented artists to enrich their hobbies and creativity at their best. It is a team which writes and sketch for social messages and tries to establish good concern with society. 11. Fotografreaks: is the official	
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		photography club of JECRC. 12. Face & Footlight: consist of a bunch of talented students of JECRC with the knack for drama and theatrics. 13. Mech Tech: The Mech Tech Club is an organization committed to sparking interest, facilitating learning, and nurturing skill development in the field of civil engineering. It serves as a dynamic platform for aspiring engineers to explore innovative ideas, enhance their knowledge, and prepare for impactful careers in the industry. 14. Khalas & Bhangra Crew: consist of bhangra dance group. 15. Bits & Bytes: The Bits & Bytes Club is an organization committed to sparking interest, facilitating learning, and nurturing skill development in the field of civil engineering. It serves as a dynamic platform for aspiring engineers to explore innovative ideas, enhance their knowledge, and prepare for impactful careers in the industry. 16. ADAA: It is also a club which is official group of fashion which do ramp walking, fashion street at JECRC. 17. Enigma: consist of dance group which involve a bunch of spirited soul whose expertise lie in freestyle and street dance form. 18. Avyaan: Official musical club 19. Glectra: The club aims to technically and environmentally strengthen the students by integrating their skills in the various fields of Engineering technology & Cultural, so as to cope up with the highly competitive environment. 20. OPTICA: OPTICA empower discovery & innovation. As a trusted and innovative resource in optics and photonics, OPTICA help pave the way for ground-breaking advances in the field. OPTICA Community can continue to rely on publications, programs, events and advocacy efforts to help them build	
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			towards what's next. 21. Moonrider: The club participates in various National Motorsports events in which a racing vehicle is designed and fabricated under the Moonriders Lab. 22. Quest (Science & Technology): The Quest Club is an organization committed to sparking interest, facilitating learning, and nurturing skill development in the field of civil engineering. It serves as a dynamic platform for aspiring engineers to explore innovative ideas, enhance their knowledge, and prepare for impactful careers in the industry. 23. Xananoids: Objective of the club is to deal with the behavior-based robotics i.e. cooperation and communication between robotics, also the main idea behind the formation of the club is to develop cost effective educational robotic platform for students. 24. EDITH: The Edith Club is a organization committed to sparking interest, facilitating learning, and nurturing skill development in the field of civil engineering. It serves as a dynamic platform for aspiring engineers to explore innovative ideas, enhance their knowledge, and prepare for impactful careers in the industry. 25. IEEE: An IEEE Student Branch gives students a community of peers, and a connection to faculty and industry professionals who drive innovation in countless technical fields. Student involvement in Branch activities, whether special projects, social and technical meetings, outreach programs, conferences, local Section or Regional opportunities, etc. can help develop a record of accomplishment and capabilities beyond the norm. 26. Enginium: The Enginium Club is an organization committed to sparking interest, facilitating learning, and nurturing skill development in the field of civil engineering. It serves as a dynamic platform for aspiring engineers to explore	
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			innovative ideas, enhance their knowledge, and prepare for impactful careers in the industry. 27. IGBC Chapter: The Indian Green Building Council (IGBC), part of the Confederation of Indian Industry (CII). The vision of the council is, "To enable a sustainable built environment for all and facilitate India to be one of the global leaders in the sustainable built environment by 2025". 28. MUN: MUN has hosted over 1.5 lakh delegates, representing diverse perspectives and ideas. The event's international allure is evident as it has welcomed participants from more than 8 countries, turning it into a melting pot of cultures and viewpoints. This platform not only provides a unique space for debate but also facilitates connections on a global scale, contributing to the development of future leaders and diplomats. 29. Cogito: The Cogito Club is an organization committed to sparking interest, facilitating learning, and nurturing skill development in the field of civil engineering. It serves as a dynamic platform for aspiring engineers to explore innovative ideas, enhance their knowledge, and prepare for impactful careers in the industry. 30. Toastmaster: Toastmasters Clubs are present in educational institutions, corporate houses, and communities across the Nation. A Toastmasters Club in Campus is a boon for students as it provides the best of both worlds; learning and excelling with peers, and connecting with mentors from different walks of life. This provides a unique blend for students to explore, excel and expand in real-time world. 31. Marvel Cart: Marvel Cart Club is student technical club with the mission to equip students with essential coding skills, empowering them with problem-	
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			solving abilities and creativity. 32. CADD Centre: Skill enhancement club 33. Ultra Tech: This setup is for advance building material & Sustainable Development (COEABM&SD). It organizes skill development programs Seminars / Workshops / Training programs for the benefit of teachers, scientists and students. Arrange for industrial visits, seminars and guest lectures from Industry professionals / HR / Placement Agencies /Technology vendors to interface the students with global industry trends. Initiate research and development projects and carry out collaborative research in cement and construction Industry 34. MG Mortars: MG Motor offers a wide range of latest luxury SUV cars & Electric Vehicle in India. So, this club is to enhance knowledge of new era. 35. Techtonic: The Techtonic Club is an organization committed to sparking interest, facilitating learning, and nurturing skill development in the field of civil engineering. It serves as a dynamic platform for aspiring engineers to explore innovative ideas, enhance their knowledge, and prepare for impactful careers in the industry. 36. ServiceNow: ServiceNow offers solutions built to optimize how companies use technology to unlock productivity and deliver the best possible experiences.	
2	Faculty Development Program (FDP)	120	FDP Attended	View Document
		37	FDP organized	View Document
3	Industrial Visit	13	Akshay Patra, Jaipur (Department of Mechanical Engineering)	View Document
			R-CAT, Jaipur (Department of Mechanical Engineering)	View Document
			Ashok Leyland, Shahpura (Department of Mechanical Engineering)	View Document



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			Havells, Neemrana (Department of Mechanical Engineering)	View Document
			Hitachi, Neemrana (Department of Mechanical Engineering)	View Document
			Parle-G, Neemrana (Department of Mechanical Engineering)	View Document
			Bhamasha Techno Hub (Department of Computer Science Engineering)	View Document
			Techmatrix Company (Department of Computer Science Engineering)	View Document
			Dot Squares, Jaipur (Department of Computer Science Engineering & Artificial Intelligence)	View Document
			R-CAT, Jaipur (Department of Computer Science Engineering & Artificial Intelligence)	View Document
			Bhamashah Techno Hub (Department of Information Technology)	View Document
			Mahindra SEZ (Department of Computer Science Engineering & Artificial Intelligence)	View Document
			UltraTech RMC Plant (Department of Civil Engineering)	View Document
4	Internship Data	150	Document Attached	View Document
5	Smart India Hackathon 24		JECRC Hackathon: A computer- oriented event which includes computer programming, software development, graphic designing, video game development, operating system development and every single thing related to coding.	View Document
6	Co-Curricular Activities		Report attached	View Document
7	Project Based Learning		Project-Based Learning is a student-centered teaching approach where learners gain knowledge by working on real-world projects. It enhances critical thinking, creativity, collaboration, and problem-solving skills through hands-on learning.	View Document
8	Research Facility/Patent	9	Patent	View Document
		12	Research Facilities	View Document
9	Social Activities		NSS: It is a voluntary public service program in India aimed at developing	View Document



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			student youth into responsible and socially committed citizens. It engages students in community service activities, fostering a sense of social responsibility and Empathy.	
			Zarurat: ZARURAT is a students' organization working in the direction to provide free of cost elementary education to the underprivileged children living in the nearby slum areas of JECRC, Jaipur.	View Document
			Soch: From planting hundreds of saplings in and out of the campus to cleanliness drives, from visiting orphanages to organizing incredible utility donation camps, this quintessential enterprise has done it all.	View Document
			Suhasini: To bring a change in the society for girls, Suhasini works in various domains and does survey and elimination of problems at villages through regular monitoring.	View Document
			Aashayein: It is a team who strive day and night to spread smiles to as many lives as possible by providing the needy with blood and SDP.	View Document
10	Incubation/Start up		The JIC Startup Cell promotes an entrepreneurial culture by encouraging students to develop innovative solutions and startup ventures. It provides guidance, incubation, networking, and skill development opportunities.	View Document
			Magazine-The Magnate	View Document
11	Alumni Cell		The Alumni Cell serves as a platform to strengthen relationships with alumni and encourage their active involvement in academic and professional initiatives. It facilitates knowledge sharing, mentoring, and career opportunities for student	View Document
12	Computers	1302	The institute has 1302 systems, 1185 systems out of them are in various laboratories to meet the requirements of curriculum.	View Document



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13	Projector / Interactive Panel	Projector: 66	Projectors and Interactive Panels support ICT-enabled teaching by integrating digital resources, presentations, simulations, and collaborative learning activities. They enhance conceptual understanding and improve student participation	View Document
14	CCTV Camera	CCTV: 60	CCTV cameras are installed across the campus to facilitate continuous surveillance and enhance the safety of students, faculty, and institutional assets. The system supports effective monitoring and contributes to a secure educational environment.	View Document
14	Subject Notes & Lab Experimental Videos		Subject notes and faculty-created lab experimental videos provide students with accessible learning materials for theory and practical concepts. They promote continuous learning and improve academic performance.	View Document