



YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	Techno NJR Institute of Technology
• Name of the Head of the institution	Raj Shekhar Vyas
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02942650214
• Mobile No:	8696932800
• Registered e-mail	principal@technonjr.org
• Alternate e-mail	director@technonjr.org
• Address	Plot SPL-T Bhamashah RIICO Industrial Area, Kaladwas
• City/Town	Udaipur
• State/UT	Rajasthan
• Pin Code	313003
2.Institutional status	
• Affiliated / Constitution Colleges	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing				
• Name of the Affiliating University	Rajasthan Technical University Kota				
• Name of the IQAC Coordinator	Dr. Rimpay Bishnoi				
• Phone No.	02942650215				
• Alternate phone No.	8696932700				
• Mobile	8696932715				
• IQAC e-mail address	rimpy.bishnoi@technonjr.org				
• Alternate e-mail address	iqac@technonjr.org				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://iqac.technonjr.org/wp-content/uploads/2024/01/AQAR-2022-23.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.technonjr.org/academic-calender/				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.54	2021	22/03/2022	21/03/2027
6.Date of Establishment of IQAC			06/07/2020		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	1	
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> • If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<ul style="list-style-type: none"> • Slow Learning Students and Mentor-Mentee Records Analysis: Regular assessment of academic progress for slow learners through structured mentor-mentee sessions, identifying challenges, and implementing tailored support strategies. • Feedback on ICT Facilities: Gather and analyze faculty and student feedback to evaluate the effectiveness and accessibility of ICT infrastructure, ensuring alignment with teaching and learning needs. • ERP Portal Implementation: Introduce and optimize an ERP portal to streamline academic and administrative processes. • Library and Journal Resources: Strengthen library resources by subscribing to relevant books and journals, integrating them with Massive Open Online Courses (MOOCs) to enhance learning opportunities. • MOOC Integration: Encourage the use of MOOCs to complement the curriculum, offering students access to diverse and high-quality learning content from global platforms. 		
12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year		

Plan of Action	Achievements/Outcomes
<p>Slow Learning Students and Mentor-Mentee Records Analysis</p>	<ul style="list-style-type: none"> • Timeline: 3-6 months • Actions: <ul style="list-style-type: none"> o Identify slow learners based on performance metrics. o Assign mentors to students and set up periodic one-on-one sessions. o Develop individualized learning plans and track progress. o Organize remedial classes, workshops, or peer tutoring sessions. o Analyze records quarterly to assess improvements and refine strategies.
<p>Feedback on ICT Facilities</p>	<ul style="list-style-type: none"> • Timeline: 2-4 months • Actions: <ul style="list-style-type: none"> o Design and circulate feedback forms to students and faculty. o Collect and categorize feedback related to ICT infrastructure, accessibility, and effectiveness. o Address common concerns (e.g., Wi-Fi speed, software availability). o Upgrade infrastructure based on prioritized feedback. o Monitor ICT performance post-implementation and repeat the feedback cycle annually.
<p>Update of customization of ERP Portal</p>	<ul style="list-style-type: none"> • Timeline: 6-12 months • Actions: <ul style="list-style-type: none"> o Collaborate with ERP solution providers to select a suitable platform. o Identify academic and administrative workflows for digitization (e.g., attendance, timetable, grade management). o Provide training for staff and students to use the ERP system effectively. o Launch the portal in phases, starting with key modules, and collect user feedback for optimization. o Perform regular audits to ensure

	data accuracy and system efficiency.
Library Books, Journals, and MOOC Subscriptions	<ul style="list-style-type: none"> • Timeline: 3-6 months • Actions: <ul style="list-style-type: none"> o Conduct a survey to identify book, journal, and MOOC requirements from faculty and students. o Subscribe to reputed journals, purchase relevant books, and ensure compatibility with MOOC platforms. o Integrate MOOCs into the library system, providing access to courses aligned with the curriculum. o Promote awareness among students and faculty about the updated resources. o Periodically update subscriptions based on academic trends and user feedback.
MOOC Integration	<ul style="list-style-type: none"> • Timeline: Ongoing • Actions: <ul style="list-style-type: none"> o Collaborate with MOOC platforms (e.g., Coursera, edX, NPTEL) for institutional access. o Curate a list of MOOC courses relevant to each department and program. o Encourage faculty to incorporate MOOCs into their teaching methodology. o Track student enrollments and performance in MOOC courses and reward achievements. o Regularly review and update the list of recommended courses to maintain relevance.
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> • Name of the statutory body 	
Name	Date of meeting(s)
IQAC	20/12/2024

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2023-24	04/12/2024

15. Multidisciplinary / interdisciplinary

Multidisciplinary and interdisciplinary approaches integrate diverse disciplines and perspectives to tackle complex challenges, fostering a holistic understanding. In higher education, these methodologies prepare students for real-world scenarios, where collaboration across varied domains is essential. Recognizing their significance, the Institute emphasizes embedding such approaches into the curricula and teaching practices for the 2023-24 academic sessions. By promoting interdepartmental collaboration and interdisciplinary research, the Institute aims to equip students with the skills and adaptability needed for dynamic professional environments. Building on the success of previous initiatives, the 2023-24 frame work enhances resource utilization and strengthens cross-disciplinary engagement for impactful learning.

16. Academic bank of credits (ABC):

As an RTU-affiliated college, we are dedicated to adopting this framework to empower students with enhanced academic mobility and a learner-centric educational experience. Under the ABC system, credits earned through diverse modes, including online courses, internships, and project work, can be accumulated and redeemed for degrees, diplomas, or certificates. This integration aligns academics with skill development and industry needs, allowing students to shape their learning journeys according to their interests and career aspirations. Our institution has taken significant steps to integrate ABC, including establishing necessary digital infrastructure, training faculty members, and orienting students about its advantages. Students are actively encouraged and supported to excel in NPTEL and MOOCs, with detailed progress tracking and expert guidance provided to those aspiring to earn a B.Tech Honors degree with an additional 20 credit points. However, as an affiliated institute, we face certain limitations in extending further assistance due to dependencies on the affiliating university. With ABC being implemented by the university from the 2023-24 academic session, we aim to overcome these constraints by fully integrating into the system and enhancing our academic ecosystem.

17. Skill development:

Skill development is vital for technology and engineering students to stay relevant in today's rapidly changing world. The Institute addresses this need by offering industry-focused courses that go beyond traditional academics, providing students with practical, hands-on training and real-world exposure. These courses bridge the gap between classroom learning and professional requirements, equipping students with essential skills to excel in their careers. As part of the curriculum, students are encouraged to pursue certifications in industry-level courses, showcasing their expertise and mastery of acquired skills. These certifications not only enhance their resumes but also significantly boost their employability in competitive job markets. By focusing on practical learning and skill enhancement, the Institute ensures its graduates are well-prepared to meet the evolving demands of the technology and engineering sectors. This approach empowers students to make impactful contributions in their professional fields, positioning them as industry-ready professionals. Committed to fostering innovation and excellence, the Institute emphasizes skill development as a cornerstone of its educational philosophy, preparing students to thrive in dynamic and competitive environments.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The Institute, recognized by AICTE and affiliated with RTU Kota University, fosters a diverse and inclusive learning environment, welcoming students from both Hindi and English medium backgrounds. To address this diversity, the faculty employs a blended teaching approach, ensuring equal access to quality education for all students, regardless of their linguistic proficiency. To further enhance inclusivity, the Institute integrates multilingual reference materials recommended by AICTE. These resources, available on the eKUMBH portal, enable students to understand complex concepts in their preferred language, enriching their learning experience. By leveraging these tools, the Institute ensures that every student receives comprehensive and accessible education tailored to their needs. This focus on inclusivity and adaptability underscores the Institute's commitment to bridging linguistic and cultural gaps. By creating a supportive educational environment, the Institute empowers students to achieve academic excellence and prepare for professional success. eKUMBH Portal : <https://ekumbh.aicte-india.org/book.php>

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Outcome-Based Education (OBE) aligns academic programs with the

evolving needs of the industry and economy, ensuring graduates are prepared to excel in their chosen careers. At the Institute, OBE's learning objectives and assessment methods are clearly defined, enabling a structured approach to monitor and evaluate student progress. This system emphasizes the attainment of specific outcomes, fostering accountability and active participation among students and faculty alike. OBE promotes the development of critical thinking, problem-solving abilities, and essential professional skills. Through hands-on, experiential learning opportunities, students gain practical knowledge and real-world exposure, bridging the gap between theory and application. Collaborative activities further enhance teamwork and communication, equipping students to work effectively in diverse, goal-oriented environments. By focusing on clear outcomes and practical skills, OBE empowers students to take ownership of their learning journey while preparing them to meet future challenges confidently and competently.

20.Distance education/online education:

The Institute's commitment to adopting distance education underscores its dedication to promoting equitable access and fostering innovative teaching practices. This initiative ensures that education continues to serve as a transformative force in students' lives. Key components of this commitment include: 1. Student MOOC Portal: A platform providing students with access to a wide range of Massive Open Online Courses (MOOCs), enabling them to enhance their knowledge and skills flexibly and affordably. 2. SWAYAM Portal: An integrated platform for online learning, offering courses from leading institutions and empowering students to gain high-quality education irrespective of geographical constraints.

Extended Profile

1.Programme

1.1 293

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 706

Number of students during the year

File Description	Documents
Data Template	View File

2.2 159

Number of seats earmarked for reserved category as per GOI/ State
Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 123

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 68

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 74

Number of Sanctioned posts during the year

Extended Profile

1. Programme

1.1	293
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	706
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	159
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	123
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3. Academic

3.1	68
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	74
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution	
4.1	34
Total number of Classrooms and Seminar halls	
4.2	290.5
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	405
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Techno India NJR Institute of Technology delivers academic syllabi and beyond in a structured and systematic manner. The Academic Calendar, aligned with university guidelines, is prepared and shared with departments before the start of each academic year. Departmental meetings are held to discuss the calendar, teaching load distribution, timetables, and semester plans. These schedules are communicated to students via notice boards and the institute's website.

Regular feedback on syllabus content and delivery is collected from stakeholders, including employers, parents, alumni, faculty, and students. Each subject follows a course plan with Course Outcomes-Program Outcomes (CO-PO) mapping. GAP analysis is conducted based on CO-PO attainment, and additional content beyond the curriculum is incorporated as needed. The institute emphasizes project-based learning, with course files maintained by faculty, including course plans, question banks, and performance metrics.

In addition to the RTU syllabus, industry-ready courses are offered, and students and faculty are encouraged to engage in online learning through platforms like Coursera and NPTEL. E-learning is supported by identifying online resources and using a Learning Management System (LMS). A mentor-mentee scheme ensures effective student counselling, with tailored policies to support weaker students and challenge advanced learners.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/1.1.1/

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Techno India NJR Institute of Technology follows a comprehensive and structured approach to implementing the curriculum set by Rajasthan Technical University (RTU), Kota. The institute adheres strictly to the academic calendar provided by RTU, covering key milestones such as the commencement of the academic session, midterm exams, internal assessments, semester duration, practical exams, preparation holidays, and final examinations.

Continuous internal evaluations are conducted through assignments, quizzes, viva voce, and two midterm examinations. Question papers are aligned with Course Outcomes (CO), and CO-Program Outcomes (PO) attainment is analyzed during evaluations. Based on results, remedial courses and additional activities beyond the syllabus are organized to address gaps.

Students with slower learning paces are identified through various criteria, including class participation, pass percentages, classroom performance, assignment submissions, punctuality, and personal interactions. Faculty members handle these cases with sensitivity, offering personalized attention and support. For laboratory subjects, multiple viva sessions ensure students thoroughly understand the material.

Examination arrangements are communicated through official notices, and a centralized evaluation process is managed by the Examination Committee. CCTV cameras monitor both written and online examinations for fairness. Faculty discuss marking schemes

and model answers with students, who are also given opportunities to review their answer sheets and address concerns before marks are finalized and submitted to the exam cell.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/1.1.2/

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

D. Any 1 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

5

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

16

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

942

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

942

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The Institute emphasizes moral values and ethics as part of its student induction program, fostering a safe and supportive

learning environment that promotes respect, responsibility, empathy, and cooperation. Students are encouraged to embrace values like hard work and teamwork through various activities and events.

The Institute also celebrates national and international observances such as Republic Day, Independence Day, and Women's Day, instilling moral, ethical, and social values among students.

To ensure gender equity and safety, the institution has dedicated Women Grievance and Grievance Redressal Cells, providing counseling and addressing safety concerns for female students and staff. Gender sensitization initiatives and collaborations with NGOs promote awareness and equality. Events like National Girl Child Day and International Women's Day include activities such as psychological wellness strategies for female students.

The campus prioritizes safety with CCTV surveillance, high-level security, and separate hostels for boys and girls. Additionally, eco-friendly practices such as rainwater harvesting, wastewater reuse for gardening, and tree plantation programs reflect the Institute's commitment to sustainability and environmental consciousness.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

13

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

540

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
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File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://iqac.technonjr.org/aqar/2023-24/part-b/1.4.2/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

270

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

80

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institute employs a structured approach to address the diverse needs of learners, fostering academic growth and development. For slow learners, interventions include remedial classes, personalized teaching, re-tests for improvement, extra practical sessions, counseling, and distribution of special notes and assignments. Solving university question papers and conducting interactive discussions during or after lectures ensures clarity and understanding. Reassessment and counseling sessions track progress.

Advanced learners benefit from a range of activities designed to enhance their skills and potential. They are encouraged to participate in seminars, conferences, workshops, and similar events that broaden their knowledge base and foster holistic development. The provision of additional library resources, involvement in incubation centers, and participation in academic clubs and projects further support their intellectual growth. Motivating students towards higher studies, facilitating industrial visits, and guiding them in research publications and patent filing are integral to nurturing their talents. Moreover, organizing academic events and paper presentations fosters self-reflection and enhances their academic profile.

This dual-faceted strategy—remedial support for slow learners and skill enrichment for advanced learners—reflects the institute's commitment to inclusive education. By addressing the unique needs of every student, the institute ensures comprehensive development, preparing them for academic and professional success.

File Description	Documents
Link for additional Information	https://iqac.technonjr.org/aqar/2023-24/part-b/2.2.1
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
706	68

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The Institute employs student-centric methodologies to foster learning aspirations and holistic development.

Experiential Learning emphasizes hands-on activities like experiments, projects, industrial training, and engagement with incubation centers and startups, bridging theoretical knowledge and practical application.

Participative Learning encourages students to engage in technical, cultural, social, and sports activities, fostering teamwork, leadership, and holistic development beyond academics.

Problem-Solving Focus prioritizes the development of critical thinking and problem-solving skills. Faculty members guide students through discussions, assignments, and tutorials, enabling them to tackle real-world challenges effectively.

Project-Based Learning immerses students in industry-relevant topics, particularly in emerging fields like cloud computing, big data, and AI/ML. This approach enhances understanding and equips students with practical skills and industry insights.

Recognition of Academic Achievements celebrates student success in university examinations and certifications in contemporary areas

like deep learning, computer vision, full-stack development, and data analytics, motivating continuous improvement.

Entrepreneurial Culture is fostered by encouraging innovation, collaboration, and risk-taking, preparing students to become future leaders and contributors to the entrepreneurial ecosystem.

By combining these strategies, the Institute creates a comprehensive framework that supports both academic and personal growth. Students are equipped with practical skills, critical thinking abilities, and leadership qualities, ensuring they are well-prepared for academic, professional, and entrepreneurial success.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/2.3.1

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The Institute demonstrates commendable efforts to enrich education by enhancing learner motivation, facilitating skill acquisition, and improving teacher training.

Learner Motivation and Engagement is fostered through MOOC courses, virtual classrooms, and interactive teaching tools, creating a dynamic and captivating learning environment. These methods actively engage students, encourage participation, and support the acquisition of essential skills in a conducive setting.

Virtual Classrooms provide greater access to education, while interactive tools reinforce fundamental concepts and promote deeper understanding. The integration of ICT tools enhances teaching and learning by enabling instantaneous and collaborative communication within the classroom.

Teacher Training and Development are prioritized by offering access to MOOC courses and ICT tools, equipping faculty with advanced pedagogical strategies. Workshops, guest lectures, and seminars ensure continuous exposure to developments in various

fields, fostering a culture of knowledge sharing and interdisciplinary exchange.

Learning Management System (LMS):Techno NJR Institute of Technology's LMS offers a technology-driven platform for engineering education, featuring interactive content, simulations, and coding assignments. It streamlines administrative tasks, enables project-based learning, and provides access to technical resources and certifications, empowering students to develop practical skills and excel in the evolving engineering field.

The Institute utilizes multimedia facilities and ICT tools, including a digital studio with audio-visual aids, to produce high-quality educational content. Online platforms like Zoom and Microsoft Teams support virtual classes, ensuring flexible learning. These initiatives foster academic excellence through innovative teaching methods and advanced technology for collaborative education.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://www.technonjr.org/about/campus-atglance/ict-facilities/

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

36

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality	
2.4.1 - Number of full time teachers against sanctioned posts during the year	
68	
File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File
2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)	
2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year	
11	
File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File
2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)	
2.4.3.1 - Total experience of full-time teachers	
402	
File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The Institute's approach fosters a culture of continuous learning and feedback by enabling students to identify their strengths and areas for improvement. Evaluation criteria for practical work, including laboratory experiments and industrial visit reports, are clearly defined and carefully monitored by department heads. Marks are distributed across various parameters to ensure a comprehensive assessment of students' performance and engagement.

Recognizing the importance of holistic development, the Institute gives due weightage to students' participation and achievements in sports, co-curricular, and cultural activities. This approach encourages students to balance academic endeavors with extracurricular pursuits, promoting their overall well-being and personal growth.

The Institute also complies with university regulations by awarding marks for activities such as social outreach, discipline, and extracurricular involvement, reinforcing its commitment to nurturing responsible and well-rounded individuals.

An examination cell ensures the seamless conduct of internal examinations by issuing clear guidelines, collecting assessment data, and maintaining records in a digital format for easy reference and future use.

This structured system integrates academic rigor with opportunities for personal and extracurricular growth, equipping students with the skills and values needed for their overall development.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The Institute has established a thorough and student-centered grievance redressal mechanism to ensure fairness and transparency in the evaluation process.

The IQAC Committee oversees the scrutiny of question papers and answer scripts to maintain accuracy and uniformity in evaluation. Students can raise grievances regarding the valuation process either in person or in writing, and the committee is responsible for resolving these issues within a stipulated timeframe of three days.

If a student is not satisfied with the resolution provided by the Department Academic Audit Committee, they can appeal to the Principal with proper justification for further consideration.

To encourage open communication, the Institute has placed a Suggestion Box for students to submit suggestions, comments, or complaints. For grievances related to university examinations, students can submit an application through the Head of the Department, who will forward it to the university for resolution. This ensures that concerns about external examinations are addressed appropriately.

The Institute also accommodates students who miss tests or practical exams due to valid reasons by allowing them to appear for a retest, subject to the Director's discretion. Additionally, students dissatisfied with their performance in a test or examination may request a retest, which will be conducted with a different set of questions.

This comprehensive grievance redressal system ensures that students have multiple avenues to voice their concerns, promoting fairness, transparency, and inclusivity in academic evaluations.

File Description	Documents
Any additional information	View File
Link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/2.5.2

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The Institute demonstrates its commitment to quality education and the development of students' competencies and skills by strategically aligning outcomes with its vision and mission.

The Program Outcomes (POs) clearly define the competencies, skills, and abilities that students are expected to develop during their course of study. These outcomes are closely aligned with the Institute's vision and mission, ensuring that graduates are well-prepared for their future endeavors. Similarly, the Program Educational Objectives (PEOs) outline the broader goals of each program, shaping students' overall educational experience.

To enhance awareness, the Institute prominently displays POs, PEOs, and Course Objectives (COs) across the campus, allowing students to familiarize themselves with their program's learning goals. Regular awareness sessions are conducted to reinforce understanding, fostering a sense of purpose and direction in students' educational journeys.

Faculty members meticulously map COs to POs and use Bloom's Taxonomy to guide the design and delivery of course content and assessments. This structured approach ensures that the course material and evaluations align with the intended learning outcomes. Additionally, faculty members conduct CO-PSO mapping, aligning Course Objectives with Program-Specific Outcomes (PSOs). This process helps identify and address any gaps between course content and program objectives, ensuring students acquire the specific skills and competencies relevant to their fields of study.

Through these measures, the Institute ensures a cohesive, purpose-driven educational framework that equips students with the knowledge, skills, and abilities needed for academic and professional success.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/2.6.1
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The Institute's commitment to Outcome-Based Education (OBE) and continuous assessment is demonstrated through its structured approach to evaluating student performance and ensuring the

achievement of Course Outcomes (COs), Program Outcomes (POs), and Program-Specific Outcomes (PSOs).

In alignment with OBE principles, the Institute evaluates students based on the attainment of clearly defined outcomes. The design of COs is guided by Bloom's Taxonomy, which reflects the cognitive levels at which students are expected to perform. Systematic CO-PO/PSO mapping ensures alignment between course-specific objectives and broader program goals, creating a cohesive and integrated educational experience.

The Internal Quality Assurance Cell (IQAC) ensures that assessment practices are aligned with educational objectives and contribute to the continual enhancement of the teaching-learning process.

Following the declaration of results by Rajasthan Technical University (RTU), the Institute conducts a detailed subject-wise result analysis. A subject is considered to have met its attainment if results exceed 60% in external exams and 75% in internal exams. If these thresholds are not met, departments define corrective actions to improve outcomes, showcasing the Institute's dedication to continuous improvement.

In addition to direct assessment, the Institute calculates indirect attainment by gathering feedback from stakeholders, including employers, alumni, parents, students, and faculty. This comprehensive approach provides a holistic evaluation of the effectiveness of educational programs and helps identify areas for improvement.

By integrating structured evaluation methods with stakeholder feedback, the Institute ensures a robust and evolving educational framework that meets academic and professional standards.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://iqac.technonjr.org/aqar/2023-24/pa-rt-b/2.6.2

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

123

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://iqac.technonjr.org/aqar/2023-24/part-b/2.6.3

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://iqac.technonjr.org/aqar/2023-24/part-b/2.7.1>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

1.7

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

2

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

11

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

5

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers

published in national/ international conference proceedings per teacher during the year**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

1

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The Institute is profoundly dedicated to serving its community through impactful initiatives in education, environment, and social welfare. Key extension activities include:

NCC Cadet Initiatives:

- **Tree Plantation Drives:** Conducted in government schools to foster environmental awareness.
- **Yoga Event:** Organized to promote physical and mental well-being among students.

Educational Support:

- Financial assistance provided to three neighboring government schools has significantly improved their infrastructure, fostering better learning environments.
- Institute students teach computer skills and English to school children, enhancing their educational opportunities.
- Free transportation for government school students has resulted in a notable increase in school attendance.

Environmental and Social Initiatives:

- R.O. plant distribution to promote access to clean drinking water.
- Collaborative tree plantation drives with the Udaipur Chamber of Commerce and Industry & KCCI
- The institute's active involvement in various social and

humanitarian activities is truly inspiring. Initiatives such as the Eye Checkup Camp, Helmet Awareness Campaign and Blood Donation.

Community Awareness and Engagement:

- Performances of 'Nukkad Natak' to raise awareness about voting during the Lok Sabha elections.
- Food packet distribution in government schools like Ekling Pura.
-

Support for Armed Forces Families:

- A lecture by Mr. Rakesh Yadav for the wives of armed forces personnel on "Earthday"
- IT training sessions for students from armed forces families.

These activities showcase the Institute's commitment to holistic community development, environmental sustainability, and nation-building.

File Description	Documents
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/3.3.1
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

6

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

10

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

527

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

47

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

53

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The Institute is committed to creating a robust physical and technological infrastructure to comply with regulatory requirements, such as those of AICTE and RTU Kota, while enhancing the overall teaching and learning experience for students.

The campus includes 29 spacious classrooms and 5 tutorial rooms, providing an ideal environment for academic activities. Forty well-equipped laboratories address the practical needs of various programs. To encourage interactive and technology-driven learning, 18 technology-enabled classrooms are equipped with PCs, laptops, whiteboards, LCD projectors, Wi-Fi, and speakers, making them ideal for conducting seminars, workshops, symposiums, and

extracurricular activities.

The Institute's library houses a comprehensive collection of books and journals, supplemented by a digital library accessible to students and faculty. Additionally, the campus features modern computing facilities with 405 computers equipped with specialized software and accessible during lab hours. High-speed internet connectivity at 150 Mbps ensures seamless access to digital resources.

The infrastructure is designed to ensure uninterrupted operations, with a standby power generator and a 100 KVA solar panel supporting energy requirements. Transportation needs are addressed through Institute-operated buses, covering various regions of Udaipur for staff and students.

To foster holistic development, the Institute hosts various technical and non-technical clubs that encourage students to enhance their organizational and collaborative skills while engaging in extracurricular activities.

This integrated approach to infrastructure and technology underscores the Institute's commitment to providing a conducive environment for academic excellence and overall development.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The Institute recognizes the importance of cultural activities and sports in fostering the holistic development of students.

Cultural Activities:

- **State and National Participation:** Students participate in cultural events at both state and national levels, enhancing their creative skills and raising awareness about various social issues.
- **All-around Personality Development:** Cultural activities play a vital role in the all-around personality development of

students, equipping them with essential skills for their future careers.

Sports and Games:

- **Outdoor Games Facilities:** The Institute provides extensive outdoor facilities for sports and games, promoting physical fitness and sportsmanship among students.
- **Sports Activities and Timetable:** Sports activities are integrated into the academic schedule with a dedicated timetable to encourage regular participation.
- **Spacious and Well-equipped Outdoor Play Area:** The campus boasts a spacious outdoor play area equipped for sports such as cricket, football, volleyball, basketball, kabaddi, and golf.
- **Intra & Inter-College Sports Events:** The playground is utilized for hosting intra- and inter-college sports events, including the annual sports meet.
- **Special Facilities:** Dedicated rooms are provided for indoor games such as table tennis, carom, and chess, along with first aid and equipment storage.
- **Gymnasium:** A modern gymnasium is available for students and faculty, equipped with facilities for comprehensive fitness training.
- **Yoga Mandap:** The Yoga Mandap supports wellness and personality development through yoga practices.
- **Badminton Court :** A new badminton court will be introduced in the 2203-24 academic year. This facility will provide an additional recreational and competitive platform for students and faculty, fostering teamwork, coordination, and physical fitness.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/4.1.2

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

33

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

33

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/4.1.3
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

155.00959

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Name of ILMS Software: IFW Campus ERP 2.0 Type of Automation: Fully Automate ILMS Version: 2.0 Year of Automation: 2020-21 About ERP: IFW Campus ERP 2.0 is a Cloud-based ERP-integrated solution that needs no installation because it is a subscription-based system. Page 29/60 24-01-2024 12:03:41

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://iqac.technonjr.org/aqar/2023-24/part-b/4.2.1
4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above
File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File
4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)	
4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)	
2.375	
File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File
4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)	
4.2.4.1 - Number of teachers and students using library per day over last one year	
29	

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The Institute's technological infrastructure is quite robust and comprehensive, catering to various needs such as teaching, communication, and networking.

Audio-Visual Resources:

- **Projectors:** 15 mounted projectors and 2 portable projectors facilitate multimedia presentations in classrooms and other venues.
- **LED TVs:** 6 mounted LED TVs and 1 portable LED TV offer visual aids for teaching and presentations.
- **Smart Digital Podium:** A smart digital podium enhances interactive teaching experiences.
- **Studio Online Lecture VC:** This setup enables virtual classrooms and online lectures, expanding educational reach.
- **Audio Systems:** Each department is equipped with installed or portable audio systems for effective communication.

Network Infrastructure:

- **Network Equipment:** Includes routers, firewalls, switches, and Wi-Fi access points from various brands like Cisco, D-Link, Sophos, TP-Link, and Xiaomi.
- **Connectivity:** 1:1 leased line (fiber) 150 Mbps

Computing Resources:

- **Servers:** Hardware components include servers from brands like IBM and HP, offering a mix of performance, reliability and usage.
- **Cloud Server:** The on-campus cloud server, OMegha Cumulus, provides computing resources for various project and applications and services.

Academic and Administrative Support:

- **Technology-Enabled Classrooms:** 21 classrooms with LAN/Wi-Fi facilities and LCD projectors support modern teaching methods.
- **Video/Lesson Recording Studio:** A dedicated studio facilitates the creation of educational content.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://igac.technonjr.org/aqar/2023-24/part-b/4.3.1

4.3.2 - Number of Computers

405

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

73.94089

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The Institute adopts a systematic approach to maintaining and utilizing its campus infrastructure through well-defined budgetary provisions and oversight mechanisms.

Budgetary Provisions:

- **Allocated Funds:** The Institute Development Committee ensures the allocation of sufficient funds for maintenance and repair activities.
- **Monitoring Committees:** Various committees, including the Purchase Committee, Repair and Maintenance Committee, Sports Committee, Library Committee, Lab Maintenance Committee, and Students Feedback Committee, monitor and oversee the effective utilization of these funds.

Maintenance Activities:

- **Stock Maintenance:** Each department maintains a stock register, and an annual stock verification is conducted by HOD
- **Lab Maintenance:** All Technical Assistant ensure the regular upkeep of computer laboratory equipment under the guidance of its convenor.
- **Campus Development:** The Campus Discipline and Cleanliness Committee manages campus maintenance, including cleaning, garbage disposal, pest control, landscaping, and lawn upkeep.
- **Regular Inspections:** Maintenance activities are monitored through regular inspections, with a dedicated WhatsApp group facilitating prompt communication regarding maintenance needs.
- **Hostel Maintenance:** A Hostel Monitoring Committee oversees cleanliness and facility maintenance in men's and women's

hostels.

- **Library Maintenance:** Library staff are responsible for reading room upkeep, periodic stock verification of library books and software portal on ERP.
- **Outsourcing Services:** The Institute has adopted a strategic approach to enhance its operational efficiency and technological infrastructure by outsourcing the following services such as Cloud Infrastructure Services and ERP Services (IFWS).

This structured approach ensures efficient utilization and maintenance of infrastructure, supporting a conducive academic and residential environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/4.4.2

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

38

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefitted by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

188

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to institutional website	https://iqac.technonjr.org/agar/2023-24/part-b/5.1.3
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

89

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

89

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

89

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year	
5.2.2.1 - Number of outgoing student progression to higher education	
0	
File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	View File
Details of student progression to higher education	No File Uploaded
5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)	
5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year	
0	
File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	View File
5.3 - Student Participation and Activities	
5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year	
5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.	
20	

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The Institute fosters a vibrant campus environment through various student clubs and functional committees, ensuring opportunities for skill development, innovation, and community engagement.

Student Clubs:

- **Toastmasters International - Techno Ariston:** Focuses on enhancing students' public speaking and leadership abilities.
- **XR Club (AR/VR Club):** Encourages exploration and engagement with augmented and virtual reality technologies.
- **CodeChef Coding Club:** Develops coding skills and encourages participation in coding competitions.
- **Entrepreneurial Club:** Nurtures entrepreneurial thinking, providing students with platforms to ideate and pursue startup ventures.
- **IoT and Robotics Club:** Offers hands-on experience in Internet of Things (IoT) and robotics, exploring cutting-edge technologies.
- **Social Outreach Club:** Undertakes community service initiatives, making a positive impact through social welfare projects.

Functional Committees:

- **Sports Committee:** Comprising faculty and student representatives, this committee organizes and plans sports activities and events.
- **Extra-curricular, Cultural, and NCC Committee:** Oversees extracurricular programs to ensure the holistic development

of students.

Hostel Committee: The Hostel Committee conducts regular meetings to address student grievances related to hostel facilities and amenities, with faculty members providing necessary solutions and interventions.

These initiatives reflect the Institute's commitment to holistic student development, fostering a balance of academic, technical, social, and personal growth.

File Description	Documents
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/5.3.2
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

8

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The alumni association of the Institute plays a pivotal role in fostering the growth and success of both current students and graduates through various impactful initiatives:

- **Curriculum Feedback:** Alumni provide constructive feedback on the syllabus and curriculum, enabling the institution to enhance its educational offerings in alignment with current industry trends.
- **Student Guidance and Support:** Alumni actively support current students by sharing professional insights, offering expert advice, conducting seminars, and organizing educational and industrial visits.
- **Entrepreneurship Development:** The alumni expert facilitates entrepreneurship training programs, leveraging the diverse resources within its network to encourage innovation and business ventures.
- **Support for Higher Education Abroad:** Alumni who have pursued higher studies abroad assist students with the admission process and provide guidance and support throughout their academic journey.
- **Industry-Institute Interaction:** Alumni act as a bridge between the Institute and industries, promoting collaboration and aligning educational offerings with industry requirements to enhance students' employability.
- **Placement Assistance:** Alumni actively contribute to placement activities by arranging and supporting career opportunities for current students.
- **Environmental and Social Awareness:** Alumni engage in environmental conservation efforts, anti-pollution drives, and social awareness initiatives, benefitting both the Institute and the community.
- **Anti-Social Activities Guidance:** Alumni guide students on issues such as anti-drug measures, anti-ragging policies, and other anti-social activities, fostering a safe and inclusive campus environment.

The alumni association's contributions significantly enhance the Institute's mission of providing quality education and nurturing responsible, well-rounded individuals.

File Description	Documents
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/5.4.1
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The Governing Council (GC) of the Institute serves as its highest decision-making authority, ensuring alignment with regulatory guidelines and adherence to the Institute's vision, mission, and quality policy.

Composition and Functionality:

1. Constituted as per AICTE guidelines, the GC employs a collaborative approach to strategic planning, involving input from all stakeholders and feedback forms.
2. It oversees key decisions related to admissions, budgeting, infrastructure, teaching-learning processes, and placements, ensuring alignment with the Institute's objectives.
3. The GC convenes once or twice annually to review institutional performance. Meeting proceedings are documented, and action-taken reports are regularly prepared and evaluated.

Democratic and Transparent Governance:

1. The Institute follows a participatory, decentralized, and transparent governance model, fostering active engagement from all stakeholders for effective functioning.
2. Decisions and actions are designed to promote the holistic growth and development of the organization.

Quality Monitoring: The Institute Quality Assurance Cell (IQAC) monitors quality-related activities to ensure compliance with established standards and foster continuous improvement.

This structured and transparent governance framework underscores the Institute's commitment to academic excellence, quality assurance, and institutional development.

File Description	Documents
Paste link for additional information	https://www.technonjr.org/about/
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The institutional perspective plan serves as a guiding framework aligned with the institution's vision and mission, driving continuous improvement in various key areas. Here's an overview of the areas of focus and the initiatives deployed to achieve them:
Areas of Focus for Quality Improvement:

1. Curricular Planning and Implementation
2. Teaching-Learning Processes
3. Research, Collaboration, and Extension Activities\
4. Academic Infrastructural Facilities
5. Student Support Activities and Student Progression
6. Internal Quality Assurance System
7. Institutional Values and Best Practices
8. Governance, Leadership, and Management Implementation of Institutional Perspective and Strategic Plan in Teaching, Learning, and Research:
9. Faculty Development Programmes: Conducted by the Research and Collaboration Committee (RCC) and departments to enhance teaching and research skills.
10. Introduction of Innovative Addon/Certificate Courses: Offered by the Add-on Courses Committee to provide additional learning opportunities for students.
11. MoUs with Industrial Sectors: Signed for training, development, and placements, enhancing industry-relevance of academic programs.
12. Emphasis on ICT Tools: Utilization of ICT tools for effective teaching and learning, promoting interactive and engaging education.
13. Research Training Workshops: Organized for students to equip them with the latest research methodologies, fostering a culture of research.
14. Conferences and Seminars: Organized by various departments to expose faculty and students to global trends in academics, industry, sciences, and environment.

File Description	Documents
Paste link for additional information	https://i0.wp.com/www.technonjr.org/wp-content/uploads/2022/05/organizationstructure_min.jpg?w=640&ssl=1
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institutional Perspective Plan is designed to enhance academic quality by focusing on the following key areas:

1. Curricular Planning and Implementation
2. Teaching-Learning Processes
3. Academic Infrastructure Facilities
4. Student Support Activities and Progression
5. Internal Quality Assurance System
6. Institutional Values and Best Practices
7. Governance, Leadership, and Management

Each year, dedicated groups and committees develop a strategic plan of events and activities to drive progress in these areas. At the end of the year, the implementation and outcomes of these plans are thoroughly reviewed to evaluate their success.

One area that has seen significant success through the implementation of the Institutional Perspective and Strategic Plan is Teaching, Learning, and Research. This has been achieved through a well-defined action plan encompassing the following initiatives:

1. Faculty Development Programs: Organized by the Research and Collaboration Committee (RCC) and individual departments to strengthen teaching and research skills.
2. Add-on and Certificate Courses: Innovative courses introduced by the Add-on Courses Committee to supplement academic learning.
3. International Collaborations: Partnerships with foreign universities to offer international research internships and projects for students.
4. Industrial MoUs: Agreements with industrial sectors to facilitate training, development, and placement

opportunities.

5. **ICT Tools in Education:** Promotion of Information and Communication Technology tools for effective teaching and learning practices.
6. **Conferences and Seminars:** Conducted to expose faculty and students to global trends in academics, industry, science, and environmental studies.

This strategic approach demonstrates the institution's commitment to fostering academic excellence and holistic development.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/6.2.1
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The college's organizational structure is designed to facilitate effective decision-making and administration, ensuring student development remains a central agenda. Here's an overview of the hierarchical structure and the various committees in place:

Hierarchical Structure:

1. Governing Council: Highest decision-making body of the college, meets annually to discuss and decide on academic and administrative matters.

2. Director and Trustees: Provide leadership and strategic direction to the institution and responsible for overall administration and academic leadership.

4. Head of Departments (HODs): Lead individual academic departments.

Committees:

Board of Governors

Internal Quality Assurance Committee (IQAC) Vishakha Cell (Sexual Harassment) Committee Anti-Ragging Committee

Hostel and Canteen Committee NCC Activity Committee Sports Committee Industry Interaction (TPO) Committee

Internal Audit Committee

Faculty Involvement:

Faculty members actively participate in all committees, providing valuable input and contributing to decision-making processes. Their presence ensures a well-rounded and inclusive approach to governance and administration.

Having a structured organizational hierarchy and various committees in place, the college promotes transparency, accountability, and student-centric governance, fostering an environment conducive to holistic development and academic excellence.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://i0.wp.com/www.technonjr.org/wp-content/uploads/2022/05/organizationstructure_min.jpg?w=640&ssl=1
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	No File Uploaded
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institution demonstrates a strong commitment to the well-being of its teaching and non-teaching staff through a range of welfare measures. These initiatives are designed to support staff members in both their professional and personal lives. Below is an overview of the welfare provisions:

- **Free Bus Facilities:** Staff members are provided with free transportation services from various parts of Udaipur, ensuring convenience in commuting.
- **Free Accommodation:** Faculty members are offered free accommodation on campus, enhancing comfort and accessibility.
- **Financial Assistance for Emergency Medical Expenses:** The institution offers financial assistance to staff members for emergency medical expenses, extending support to both staff and their family members.
- **Medical Leave:** Staff who are hospitalized are granted medical leave, allowing them to focus on recovery without work-related concerns.
- **Interest-Free Loans:** Short-term, interest-free loans are made available to staff for housing and personal needs, providing financial relief when necessary.
- **Wellness Facilities:** Free tea, coffee, milk, gym facilities, and yoga sessions are provided to promote physical and mental well-being among staff members.
- **ESIC Protection:** Staff members earning less than Rs. 15,000 per month are provided with ESIC coverage, which includes medical benefits and other support.
- **Maternity Leave and Other Benefits:** Maternity leave and other benefits are offered to support staff during

significant life events.

File Description	Documents
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/6.3.1
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

2

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

23

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institution has established a comprehensive performance appraisal system for both teaching and non-teaching staff, focusing on evaluating various aspects of their roles and responsibilities. Below is an overview of the performance

appraisal criteria for each:

Performance Appraisal Criteria for Teaching Staff:

- **Subjects Taught and Weekly Load:** Evaluation of the faculty member's teaching assignments and the number of hours they dedicate to teaching each week.
- **Student Feedback on Teaching and Punctuality:** Gathering feedback from students regarding the effectiveness of teaching, as well as faculty punctuality in attending classes.
- **Higher Education / Faculty Development Programs (FDPs) / Certifications:** Assessment of faculty participation in higher education, faculty development programs, and acquiring relevant certifications to enhance their teaching skills.
- **Industry Project Execution:** Evaluation of faculty involvement and performance in executing industry projects or collaborations, demonstrating their practical expertise.
- **Results of Students Based on Subjects Taught:** Assessment of student performance in the subjects taught by the faculty, as an indicator of teaching effectiveness.

Research Output: Evaluation of the faculty's research contributions, including published research papers, books, or chapters, reflecting

File Description	Documents
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/6.3.5
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The Institute has implemented a robust financial system that adheres to the guidelines outlined in the "Report on Implementation of Accounting Standards in Educational Institutions" by the Ministry of Human Resource Development. Key aspects of the financial system include:

1. **Maintenance of Registers:** The Institute maintains detailed registers for various financial transactions, including fees collection, caution money, funds, scholarships, inventory (department-wise), hostel, buses, and laboratory/workshop materials.
2. **Adherence to Accounting Standards:** All accounting practices follow the prescribed accounting standards to ensure transparency and accuracy.
3. **Limited Cash Purchases:** The Institute limits cash purchases to maintain a clear and auditable trail of transactions.
4. **Compliance with Statutory Requirements:** The Institute ensures that all statutory requirements are fully met, in line with relevant legal and regulatory frameworks.
5. **Fee Structure Compliance:** Fees charged by the Institute are in accordance with the recommendations of the University rules, ensuring they are not higher than the approved rates.

File Description	Documents
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/6.4.1
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Techno India NJR Institute of Technology, established by the Navdeep Jitendra Ranawat Charitable Foundation, is a prime example

of strategic fund mobilization and resource utilization. The foundation initially purchased land from RIICO and developed infrastructure through donations from trustees. For the first three years, the trust and the institute's revenue funded expansion, laying a robust financial foundation.

Revenue Generation

The institute actively pursues innovative avenues for revenue generation:

1. **Online Testing Partnerships:** Collaborations with TCS and NTA to organize online tests like NEET and JEE generate an additional ₹4-6 lakh annually, highlighting the institute's role in large-scale educational assessments.
1. **R&D Projects:** A notable R&D achievement is the development of a cloud-based ventilator, currently moving to production. This project has the potential to significantly boost revenue and establish the institute's reputation in healthcare technology.

Skill Hub Training Center: The institute has applied to establish a skill hub in partnership with the National Skill Development Corporation (NSDC), which will further expand its revenue streams and skill development initiatives

Optimal Resource Utilization

The institute demonstrates exemplary resource optimization:

1. **Infrastructure Utilization:** With 12 state-of-the-art labs housing 450 desktop computers, the institute repurposes these resources for IT education among students from government colleges. These outreach programs are offered free of cost, contributing to community development without compromising institutional resources.
2. **Student Laptops:** Recognizing that most students bring their own laptops, the institute maximizes the usage of existing infrastructure for external educational activities, ensuring efficiency and inclusivity

File Description	Documents
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/6.4.3
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Techno India NJR Institute of Technology in Udaipur has consistently maintained high standards in teaching and learning, supported by a strong quality assurance framework managed by the Internal Quality Assurance Cell (IQAC). Below are some significant contributions and initiatives undertaken by the institution:

- **Ventilator Design:** In collaboration with PARC and Clear Pack, the Institute designed ventilators to address the critical shortage during the pandemic, making a valuable contribution to healthcare solutions.
- **Course and Program Mapping:** The Institute has mapped all its courses with Course Outcomes, Program Outcomes, and Program Specific Outcomes. For the Computer Science and Engineering department, attainment calculations have been conducted, with plans to extend this practice to other departments.
- **Integration of Bloom's Taxonomy:** Bloom's Taxonomy is incorporated into course planning to align various cognitive levels with course outcomes, thereby enhancing the effectiveness of teaching and learning.
- **Infrastructure Augmentation for Online Learning:** Understanding the importance of online learning, particularly during the COVID-19 pandemic, the Governing Council approved subscriptions for Zoom, the establishment of a digital studio, and a Blended Classroom Proposal in collaboration with Impartus Innovation (upGrad Campus). This initiative aims to modernize teaching methods and offer experiential learning opportunities to students.
- **Partnership with Udaipur Chamber of Commerce & Industry (UCCI):**
 - The Institute played a key role in designing and delivering the IT Readiness Programme for graduates.
 - It supported UCCI in providing Oxygen Concentrator Machines to government hospitals and the district

administration during the pandemic.

File Description	Documents
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/6.5.1
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Internal Quality Assurance Cell (IQAC) at Techno India NJR Institute of Technology has played a crucial role in driving incremental improvements across various aspects of the institution. Here are some of the key initiatives led by the IQAC:

- **Training in Emerging Fields:** To meet the evolving demands of the job market, the Institute has provided students with comprehensive training in emerging domains such as Full Stack Development, Google Cloud Educator, Artificial Intelligence (AI), Generative AI, and Data Analytics. This proactive approach ensures that students are equipped with the necessary skills to meet industry requirements.
- **CO-PO Mapping with Bloom's Taxonomy:** The Institute has initiated the CO-PO mapping with Bloom's Taxonomy for courses in various departments. This integration ensures that the curriculum is aligned with desired learning outcomes, enhancing the holistic development of students.
- **Infrastructure for Online Courses:** In light of the COVID-19 pandemic, the Governing Council, supported by the IQAC, approved several initiatives, including subscriptions for Zoom, the establishment of a digital studio, and a Blended Classroom Proposal in collaboration with Impartus Innovation (upGrad Campus). These measures significantly enhanced the online learning infrastructure, ensuring the continuity of education during challenging times.

Through these initiatives, the IQAC continues to drive improvements in teaching, learning, and research, contributing to the overall academic excellence and growth of the institution.

File Description	Documents
Paste link for additional information	https://iqac.technonjr.org/aqar/2023-24/part-b/6.5.2
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://iqac.technonjr.org/aqar/2023-24/part-b/6.5.3
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Institute has implemented specific initiatives to promote gender equity, development, and empowerment, with a strong focus on providing education for girls in a safe and secure environment. As a result, the number of female students in each batch has been steadily increasing. In the 2023-24 academic year, the total admitted students is 293, of which 118 are girls, constituting 40.27% of the batch.

Our gender-positive initiatives are designed to promote a safe,

inclusive, and supportive environment for female students and staff. These initiatives include:

- **Vishakha Cell (Sexual Harassment Committee):** This active cell comprises one female faculty member, one female non-teaching staff member, and a few female students. Its primary goal is to promote the well-being and equality of women on campus.
- **Internal Complaints Committee:** The committee, which includes the Principal, three senior faculty members (one female), and the local police station in-charge, addresses grievances promptly and resolves them at the earliest.
- **Anti-Ragging Committee:** The Anti-Ragging Committee is in place, and no incidents of ragging have been reported thus far.
- **Safety and Security:** The Internal Compliance Committee ensures the redress of grievances and works to prevent any form of sexual abuse or harassment of female students and staff members.
- **Harassment Prevention:** To prevent harassment, the campus is equipped with CCTV surveillance, and separate gym timings for female students are implemented.
- **Counseling Center:** The counseling center facilitates the academic, emotional, social, and cognitive development of students.
- **Common Room:** Separate common rooms are available for boys and girls, providing a comfortable space for students.

File Description	Documents
Annual gender sensitization action plan	https://iqac.technonjr.org/aqar/2023-24/part-b/7.1.1
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://iqac.technonjr.org/aqar/2023-24/part-b/7.1.1
7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The campus has implemented a comprehensive waste management system that addresses various types of waste, ensuring environmental sustainability and regulatory compliance. Here is an overview of the system:

- **Solid Waste Management:**
 - Organic waste containers are strategically placed near canteens and workshop areas for the collection of organic waste.
 - A vermin composting container is located at the parking area for the disposal of organic waste.
- **Liquid Waste Management:**
 - Wastewater is disposed of into a dedicated pit behind the open canteen, where it helps recharge the groundwater.
 - Pipelines from bathrooms, kitchen, and washing areas direct wastewater into this pit.
- **Biomedical and Hazardous Waste Management:**
 - A separate room, located behind the canteens and away from the main building, is designated for the collection and disposal of biomedical and hazardous waste.
 - The room is regularly cleaned and maintained, with waste managed based on its volume.
- **E-waste Management:**
 - A dedicated space on the top floor is designated for the collection of e-waste.
 - The IT staff is responsible for the maintenance and management of e-waste disposal.
- **Waste Recycling System:**
 - Waste segregation occurs at the point of generation, with separate containers for organic and plastic waste.
 - Different types of waste containers are installed throughout the campus to facilitate proper segregation

and disposal.

This well-organized waste management system reflects a proactive approach to minimizing environmental impact, ensuring efficient waste disposal, and promoting recycling and sustainability across the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://iqac.technonjr.org/aqar/2023-24/part-b/7.1.3
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The college is committed to nurturing a sense of nobility and moral responsibility in its students through various activities that promote ethical, cultural, and spiritual values. Annual educational trips are organized to enhance academic performance, providing students with experiential and conceptual learning opportunities beyond the classroom. These trips also stimulate reasoning skills and foster stronger bonds between students and faculty, thereby improving social and life skills.

The college celebrates commemorative days and cultural as well as regional festivals to promote unity and social harmony. Events such as the Fresher's Party and Farewell Party encourage interaction between seniors and juniors, fostering a supportive and inclusive environment. The college also hosts the Annual Inter-College Techfest, Techjalsa, which invites participation from numerous engineering colleges. This event features a variety of competitions and entertainment, enhancing the overall student experience. These initiatives contribute to the holistic development of students, preparing them to be responsible citizens who uphold national values of social and communal harmony.

The Institute fosters a positive and supportive work environment through initiatives that enhance faculty well-being and professional growth. Faculty birthdays are celebrated collectively, promoting camaraderie and team spirit. To support academic aspirations, the Institute offers soft loans for higher education, enabling faculty to pursue advanced studies with financial ease. Additionally, academic leaves are granted for research paper presentations, workshops, and participation in Faculty Development Programs (FDPs), encouraging continuous

learning and knowledge sharing.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The institute's active involvement in various social and humanitarian activities is truly inspiring. Initiatives such as the Eye Checkup Camp, Helmet Awareness Campaign, and Organic Farming highlight the institute's commitment to social welfare and community engagement. These efforts not only raise awareness but also contribute to the well-being and development of society. The Institute demonstrates its dedication to community outreach and sustainability through various impactful initiatives. By engaging in teaching at nearby government schools, it fosters academic development and supports local education.

Plantation drives contribute significantly to environmental conservation by increasing green cover and combating deforestation. To enhance public health, the Institute has provided a free R.O. water plant to nearby villages, ensuring access to clean drinking water. Additionally, it organizes events such as blood donation camps, promoting social responsibility, and cybersecurity competitions, fostering technical skills among faculty and students. These initiatives reflect the Institute's holistic approach to community and environmental well-being.

The institute's students actively perform Nukkad Natak (street plays) to raise awareness about voting during the Lok Sabha elections, alongside conducting seminars on topics such as voter ID creation and the importance of elections, reflecting a strong commitment to civic awareness. Furthermore, the institute offers free computer training for students of the Army School and distributes food packets to the Government School in Ekling Pura, highlighting its dedication to social responsibility and community welfare.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Every year, the institute celebrates key national events such as Republic Day, Independence Day, Constitution Day, and International Yoga Day. In addition to these, the institute also observes various cultural and religious festivals including Holi, Dhanteras, and Janmashtami. These celebrations reflect the institute's commitment to promoting ethics, values, and cultural awareness among students and faculty.

The institute also organizes events to honor great Indian personalities and their contributions. Notable celebrations

include:

- Youth Day (12th January)
- National Startup Day (16th January)
- Republic Day (26th January)
- International Women's Day (8th March)
- World Environment Day (5th June)
- International Yoga Day (21st June)
- Independence Day (15th August)
- Teachers' Day (5th September), in honor of Dr. Sarvepalli Radhakrishnan, a revered teacher
- Engineers' Day (15th September), commemorating the birth anniversary of Sir M. Visvesvaraya, the great engineer
- Constitution Day (26th November)

These initiatives foster a deep sense of national pride, respect for diversity, and appreciation for the contributions of great leaders, reinforcing the institute's values of social responsibility and civic consciousness.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

The institute has implemented several best practices aimed at enhancing the skills and employability of its students:

A) Value-Added Training: To bridge the gap between academic curriculum and industry requirements, the institute offers industry-oriented training programs that focus on both communication and technical skills. These training sessions are designed to improve students' performance in recruitment drives. The initiative has yielded positive results, particularly in enhancing students' performance in aptitude and technical tests. However, challenges such as limited time availability and varying

levels of student receptiveness remain.

B) Innovative & Incubate Ideas: LMS for IBM educational usage purpose and college level portal to host the academic content.

C) Value added Training: Find the gap and add to cover bridge that gap to make student industry ready.

These best practices reflect the institute's commitment to continuous improvement, ensuring that students are well-prepared for the demands of the corporate world and higher academic pursuits.

File Description	Documents
Best practices in the Institutional web site	No File Uploaded
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Institute is committed to creating a dynamic learning environment by exposing students to the latest technologies through strong industry linkages (M1). It aims to enhance critical thinking and problem-solving skills by establishing industry interfaces for live problem-solving and faculty consultancy projects (M2). The Institute provides faculty with opportunities for domain-specific training and qualification upgrades (M3). Additionally, it focuses on developing ethical leaders with strong communication skills (M4) and promotes holistic development through a blend of academic and extracurricular activities (M5). These initiatives work together to foster professional excellence, innovation, and well-rounded personal growth. To accomplish these missions, the Institute undertakes various initiatives:

1. Expert Technical Lectures to keep students updated with industry trends.
2. Skill Development Programs (SDPs) to enhance technical and professional competencies.
3. Bridge Courses, Short-Term Online Courses, and MOOCs to address learning gaps.
4. Beyond Syllabus Experiments to foster hands-on learning and innovation.
5. Research Paper Writing, Patent, and Copyright Filing to

encourage research and intellectual property development.

6. Student Research Internships internationally and in companies to provide real-world exposure.
7. Extra-Curricular Activities to nurture social and academic development.

These efforts aim to empower students and faculty with the skills and ethics needed for professional excellence and societal contributions.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

The proposed plan for the next academic year includes the following strategies:

1. Curriculum Development:

- Introduce new courses in emerging areas like Artificial Intelligence & Data Science, IoT, Cloud Computing, and Rapid Prototyping.
- Align these courses with industry requirements through collaborations with organizations like TCS and NSDC.

2. Infrastructure Upgrades:

- Expand and modernize laboratory facilities with state-of-the-art equipment.
- Upgrade IT infrastructure and digital platforms to support advanced learning methodologies.

3. Administrative Efficiency:

- Implement automation for office processes to improve operational efficiency.
- Conduct staff training sessions to enhance administrative and technical capabilities.

4. Research and Innovation:

- Encourage faculty research through financial incentives and dedicated resources.
- Promote innovation by organizing workshops, seminars, and hackathons.

5. Student Support:

- Expand scholarship programs targeting economically disadvantaged students in high-demand technology fields.

- Strengthen the career development cell with additional job-oriented training programs and industry tie-ups.

6. Community Engagement:

- Continue outreach programs, such as free IT education for government school students.
- Collaborate with local institutions to enhance educational access and technical skills in the community.

7. Extracurricular Activities:

- Promote participation in sports, cultural events, and technical competitions.
- Organize inter-college and intra-college events to showcase student innovation and foster team spirit.

8. Skill Development Initiatives:

- Establish the proposed skill hub in partnership with NSDC to provide vocational training.
- Integrate certifications and practical exposure into existing academic programs.