



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

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

• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Rajasthan Technical University Kota</b>				
• Name of the IQAC Coordinator	<b>Yogendra Singh Solanki</b>				
• Phone No.	<b>02942650215</b>				
• Alternate phone No.	<b>8696932727</b>				
• Mobile	<b>8696932715</b>				
• IQAC e-mail address	<b>iqac@technonjr.org</b>				
• Alternate e-mail address	<b>yogendra.solanki@technonjr.org</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://iqac.technonjr.org/wp-content/uploads/2024/01/AQAR-REPORT-2022.pdf">https://iqac.technonjr.org/wp-content/uploads/2024/01/AQAR-REPORT-2022.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.technonjr.org/academic-calender/">https://www.technonjr.org/academic-calender/</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B+</b>	<b>2.54</b>	<b>2021</b>	<b>22/03/2022</b>	<b>21/03/2027</b>
<b>6.Date of Establishment of IQAC</b>			<b>06/07/2020</b>		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			<b>Yes</b>		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	<b>2</b>	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>	
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
It facilitates communication and consultation with stakeholders such as students, faculty, alumni.		
IQAC suggested & help to collaborate with Industries such (Secure Meter , Cnetric) to identify areas of improvement and implement curriculum enhancement to improve the quality of the technical education.		
IQAC imposed to calculate the attainment for all the programs for NAAC and NBA.		
IQAC help to collaborate with govt. & non govt bodies (NASSCOM, NSDC) to implement center of excellence & training.		
A learning management system will be developed for RTU courses.		
<b>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</b>		

Plan of Action	Achievements/Outcomes
Assessment of Current Status	IOAC evaluating various aspects of the institution such as academic performance, infrastructure, faculty development, student support services, and governance, the IQAC helps in enhancing the overall quality and effectiveness of the institution's functioning.
Setting Objectives	Based on the assessment, the IQAC sets specific and measurable objectives for the academic year.
Action Plan	A detailed action plan is developed to achieve the set objectives. This plan may include activities such as faculty development, student support services, research initiatives, and community outreach programs.
Implementation	The action plan is implemented through the collaboration of various departments and stakeholders within the institution.
Monitoring and Evaluation	Regular monitoring and evaluation is done to assess the progress towards achieving the set objectives.
Feedback and Improvement	Feedback is collected from various stakeholders and used to make improvements to the action plan as necessary.
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	

Name	Date of meeting(s)
IQAC	25/01/2024

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2022-23	20/01/2024

**15. Multidisciplinary / interdisciplinary**

Multidisciplinary and interdisciplinary approaches bring together different disciplines and perspectives to address complex issues and problems. In the context of higher education, these approaches help to prepare students for the real-world challenges they will face after graduation, where they will be required to work with individuals from different backgrounds and areas of expertise. The Institute recognizes the value of a multidisciplinary and interdisciplinary approach in achieving its goals and encourages institutions to adopt these approaches in the curricula and teaching practices. The institute encourages collaboration between departments, and promoting interdisciplinary research initiatives.

**16. Academic bank of credits (ABC):**

Not Applicable. The institute is affiliated with Rajasthan Technical University Kota and marksheets and degree certificates are prepared and released by the university only.

**17. Skill development:**

Skill development is a key aspect of education, especially for technology and engineering students. To stay ahead in a rapidly changing world, students must be equipped with the latest skills and knowledge. To meet this need, the institute offers industry-level courses that go beyond the traditional classroom experience. These courses provide students with practical, hands-on training and exposure to real-world challenges, helping them to develop the skills required to succeed in their chosen careers. Additionally, students are required to complete certifications on industry-level courses to demonstrate their mastery of the skills they have learned. This not only enhances their resumes but also increases their employability. By focusing on skill development, our university prepares students to make an impact in the world of technology and engineering.

**18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture,**

**using online course)**

The institute is recognized by AICTE and affiliated with RTU Kota University, is a diverse and inclusive learning environment, catering to students from both Hindi and English medium backgrounds. To cater to this diversity, our teachers adopt a blended approach to teaching, ensuring that no student is left behind. Additionally, we make use of multilingual reference books suggested by the ALL India Council of Technical Education, available on the eKUMBH portal, to provide a comprehensive and accessible education to all students.

eKUMBH Portal : <https://ekumbh.aicte-india.org/book.php>

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

OBE aligns education with the needs of the industry and economy, ensuring that graduates are well-equipped to succeed in their chosen fields.

OBE's learning objectives and assessment methods are clearly defined in the institute, and student progress is monitored and evaluated based on their ability to meet these objectives. This approach encourages students and faculties to take ownership of their learning, and to develop critical thinking and problem-solving skills that will serve them well in the future. OBE also provides opportunities for hands-on, experiential learning, and encourages students to collaborate and work together to achieve common goals.

**20.Distance education/online education:**

Distance education, also known as online education, is an innovative approach to delivering education that is increasingly being adopted by higher education institutions. After COVID-19 pandemic has accelerated the growth of distance education, as institutions have been forced to quickly adapt to a remote learning environment. The institute recognizes the importance of distance education in ensuring access to education for all. Through distance education, students can access high-quality education from anywhere in the world, regardless of their location, socioeconomic status, or personal circumstances.

**Extended Profile****1.Programme**

1.1 305

Number of courses offered by the institution across all programs

during the year

File Description	Documents
Data Template	<a href="#">View File</a>

## 2.Student

2.1 622

Number of students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

2.2 177

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

File Description	Documents
Data Template	<a href="#">View File</a>

2.3 123

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

## 3.Academic

3.1 68

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2 71

Number of Sanctioned posts during the year

## Extended Profile

### 1. Programme

1.1	<b>305</b>
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 2. Student

2.1	<b>622</b>
Number of students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.2	<b>177</b>
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	<b>123</b>
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 3. Academic

3.1	<b>68</b>
Number of full time teachers during the year	

File Description	Documents
Data Template	<a href="#">View File</a>



3.2	71
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

<b>4.Institution</b>	
4.1	31
Total number of Classrooms and Seminar halls	
4.2	184
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	450
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 adheres to the delivery of syllabi and beyond the syllabi in a structured manner. The Academic Calendar is prepared based on university guidelines and shared with departments before the start of each academic year. Departmental meetings are conducted to discuss the Academic Calendar, teaching load distribution, timetable, and semester course of action. Timetables and Academic Calendars are communicated to students through notice boards and the institute website. Regular feedback on syllabus content and delivery is obtained from various stakeholders, including employers, parents, alumni, faculty, and students. Each subject has a course plan with CO-PO (Course Outcomes-Program Outcomes) mapping. GAP analysis is conducted based on CO-PO attainment, and beyond the curriculum delivery is adopted accordingly. Project-based learning is emphasized. Course files maintained by faculty include a course plan, question banks, and performance metrics. Hands-on industry-ready courses are taught in addition to the RTU syllabi. Students

and faculty participate in online courses offered by platforms like Coursera and NPTEL Course. ELearning aspects involve identifying online resources, Learning Management System (LMS) materials. A mentor-mentee scheme is in place for student counseling. Policies are in place to bridge knowledge gaps for 'weak' students and support 'advanced' learners.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/1.1.1/">https://iqac.technonjr.org/aqar/2022-23/part-b/1.1.1/</a>

#### 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 demonstrates a robust system for adhering to the curriculum designed by Rajasthan Technical University (RTU), Kota. The institute strictly follows the academic calendar provided by RTU, which includes various milestones such as the commencement of the academic session, mid-term exam marks submission, semester duration, internal assessment tests, practical exam schedule, preparation holidays, and final semester examinations. Faculties conduct continuous internal evaluations through assignments, quizzes, viva voce, and two mid-term examinations. Question papers are mapped to Course Outcomes (CO), and CO-PO attainment is calculated during evaluation. Remedial courses and beyond the syllabus activities are organized based on the evaluation results. Students who may have a slower grasp of subjects are identified based on various criteria such as class participation, pass percentage, classroom performance, assignment submission regularity, punctuality, and personal interactions. Teachers handle the situation sensitively and provide necessary attention to learners with different learning paces. For laboratory subjects, viva voce is conducted multiple times to ensure students grasp the subject matter. Examination sitting arrangements are notified through official notice boards. A centralized evaluation process with monitoring is executed by the Examination Committee. CCTV cameras are deployed for monitoring both written examinations and online examinations in laboratories. Faculty members discuss marking schemes and model answers with students, Students have the opportunity to view their answer sheets and discuss any concerns with the relevant staff before marks are submitted to the exam cell.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/pa-rt-b/1.1.2/">https://iqac.technonjr.org/aqar/2022-23/pa-rt-b/1.1.2/</a>

**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	<a href="#">View File</a>
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	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**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)**

29

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

2081

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

2081

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**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 importance of moral values and ethics is conveyed to students during the induction program. Safe and supportive learning environment is provided to the students that promotes respect, responsibility, and empathy. Students also learn values of co-operation, hard work etc. Organized an event on the topic " Art of Concentration in the age of Distractions" and the speaker was Shri Madan Govinda Das, Project Director ISKCON. Celebration of national and international days like Republic Day, Women's Day, Independence Day, etc. foster moral, ethical, and social values among students. The institution has dedicated Women Grievance and Grievance Redressal Cells to provide counselling, promote gender equity, and address safety and security concerns for female

students, staff, and faculty. Institution organises events and activities related to gender sensitization to promote equality NGOs and Women's Rights Organizations are contacted to organize events. Events like National Girl Child Day Celebration, International Women's Day are celebrated and activities like Strategies for psychological wellness of Girl students. The campus is equipped with CCTV surveillance and high-level security, and separate hostels for boys and girls ensure a safe environment for all students. The college implements eco-friendly practices such as rainwater harvesting, wastewater reuse for gardening and cleaning purposes, and extensive tree plantation programs.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

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

10

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

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

<b>410</b>	
File Description	Documents
Any additional information	<b>No File Uploaded</b>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>
<b>1.4 - Feedback System</b>	
<b>1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni</b>	<b>A. All of the above</b>
File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<b>No File Uploaded</b>
<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/1.4.2/">https://iqac.technonjr.org/aqar/2022-23/part-b/1.4.2/</a>
<b>TEACHING-LEARNING AND EVALUATION</b>	
<b>2.1 - Student Enrollment and Profile</b>	
<b>2.1.1 - Enrolment Number Number of students admitted during the year</b>	
<b>2.1.1.1 - Number of sanctioned seats during the year</b>	

300

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

77

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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 structured approach to addressing the needs of different learners is commendable and can contribute significantly to the overall academic development of the students. For slow learners, the institute has implemented various interventions such as remedial classes, personal attention in teaching, re-tests for improvement, extra practical sessions, counseling, special notes, assignments, solving university question papers, and more. The reassessment and counseling sessions provide a mechanism for tracking progress and offering targeted guidance. Interactive discussions are conducted, preferably at the end of the class, in between the lectures to make sure that the students are following the concepts.

For advanced learners, the institute has outlined a set of activities to further enhance their skills and capabilities. Encouraging participation in seminars, conferences, workshops, and various other activities not only broadens their knowledge but also fosters a holistic development approach. The emphasis on additional library facilities, participation in the incubation centre, involvement in clubs and projects, motivation for higher

studies, industrial visits, research publications, and patent filing processes reflects a commitment to nurturing the talents of high-achieving students. Activities such as organisation of academic events and paper presentations are envisaged to foster self-reflection among advanced learner.

File Description	Documents
Link for additional Information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/2.2.1/">https://iqac.technonjr.org/aqar/2022-23/part-b/2.2.1/</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
622	68

File Description	Documents
Any additional information	<a href="#">View File</a>

## 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

Student-centric teaching-learning methodologies have been effectively adopted by the Institute to develop the learning aspirations of students. Experiential Learning emphasizing practical, hands-on experiences through experiments, projects, industrial training, and activities within the incubation centre and startups. Participative Learning encouraging students to actively participate in a wide range of technical, cultural, and social events, including sports activities. This promotes a sense of unity, leadership, and holistic development beyond academic pursuits. Problem-Solving focus prioritizing the development of problem-solving skills, which are highly valued in the workforce. Faculty members facilitate discussions on problem-solving methodologies, provide assignments and tutorials, and guide students in identifying and addressing challenges effectively. Project-Based Learning model Implementing a project-based learning approach that immerses students in academic and industry topics, particularly in emerging technologies like cloud computing, big data, and AI/ML. This model not only enhances understanding but



also equips students with practical skills and industry insights, enabling them to make meaningful contributions. academic achievements and certifications recognizing and celebrating students academic achievements, including high performance in university examinations and certifications in contemporary areas such as deep learning, computer vision, full-stack development, and data analytics. Entrepreneurial Culture nurturing an entrepreneurial mindset among students by providing opportunities for innovation, collaboration, and risk-taking. This prepares them to become future leaders and contributors to the entrepreneurial ecosystem.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

The Institute's efforts to enrich the quality of education are commendable, particularly in enhancing learner motivation and engagement, facilitating skill acquisition, and improving teacher training. Increasing learner motivation and engagement by leveraging MOOC courses, virtual classrooms, and interactive teaching tools, the Institute creates a dynamic learning environment that captivates students' interest and encourages active participation. Through initiatives such as virtual classrooms and interactive teaching tools, the Institute enables students to acquire essential skills in a conducive learning environment. Virtual classrooms provide greater access to education, while interactive tools help reinforce fundamental concepts and promote deeper understanding. By incorporating MOOC courses and providing access to ICT tools, the Institute invests in the professional development of its faculty members. The integration of ICT tools with internet connectivity enhances the quality of teaching and learning by facilitating interactive, instantaneous, and simultaneous communication in the classroom. The Institute fosters information sharing and collaboration through workshops, guest lectures, and seminars on new developments in various fields. Multimedia facilities equipped with ICT tools enable effective knowledge dissemination and encourage interdisciplinary exchange among students and faculty members. The establishment of a digital studio equipped with audio-

visual aids, projectors, and digital writing pads enhances the Institute's capacity to produce high-quality video lectures and other educational content. Platforms like Zoom, Microsoft Teams, Google Meet, and WebEx facilitate online classes and virtual collaboration.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="https://www.technonjr.org/about/campus-at-glance/ict-facilities/">https://www.technonjr.org/about/campus-at-glance/ict-facilities/</a>

### 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

42

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

### 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)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

**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	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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**

381

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**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 to internal assessment and evaluation demonstrates a comprehensive and structured system aimed at providing students with a well-rounded learning experience. Faculty members utilize a variety of assessment methods, including assignments, viva, quizzes, and midterms to gauge students' understanding and mastery of course material. These assessments are designed to align with Course Outcomes (CO) and Program Outcomes (PO), ensuring that students' attainment of learning objectives is effectively measured. Transparency is maintained in the assessment process by allowing students to review their midterm answer scripts and laboratory record books. This practice

enables students to understand their strengths and areas for improvement, fostering a culture of continuous learning and feedback. Evaluation criteria for practical work, including laboratory experiments and industrial visit reports, are clearly defined and monitored by department heads. The distribution of marks across various criteria ensures a comprehensive assessment of students performance and engagement. The Institute recognizes the importance of holistic development by giving due weightage to students participation and performance in sports, co-curricular, and cultural activities. This approach encourages students to engage in extracurricular pursuits alongside their academic endeavours, promoting overall well-being and personal growth. Compliance with university regulations such as awarding marks for social outreach, discipline, and extra-curricular activities, reinforces the Institute's commitment to nurturing responsible. The presence of an examination cell ensures the smooth conduct of internal examinations by providing guidelines, collecting assessment data, and maintaining records in digital format for reference purposes.

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's grievance redressal mechanism appears to be thorough and student-centered ensuring fairness and transparency in the evaluation process. Department Academic Audit Committee oversees the scrutiny of question papers and answer scripts to ensure correctness and uniformity in evaluation. Students have the avenue to address any grievances regarding the valuation process directly to this committee. Students can intimate their grievances either in person or in writing. The Department Academic Audit Committee is responsible for resolving these grievances within a specified timeframe of three days. In cases where students are not satisfied with the outcome of the Department Academic Audit Committee's decision, they have the option to appeal to the Principal with proper justification. Provision of Suggestion Box is there wherein the students can submit suggestions, comments and complaints. For grievances related to university examinations, students can submit an application through the Head of the Department, which will then be forwarded to the university for

redressal. This process ensures that students have a channel for addressing concerns about external examinations beyond the Institute's jurisdiction. The Institute provides opportunities for students who are absent for tests and practical exam due to genuine reasons to write a retest, subject to the discretion of the Director. Similarly, students dissatisfied with their performance in a test or examination are offered the opportunity to take a retest with a different question paper.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/2.5.2/">https://iqac.technonjr.org/aqar/2022-23/part-b/2.5.2/</a>

## 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's commitment to providing quality education and fostering the development of students competencies and skills is evident through its strategic alignment of outcomes with its vision and mission. The Institute defines clear Program Outcomes (PO) that outline the competencies, skills, and abilities students are expected to develop throughout their course of study. These outcomes are synchronized with the Institute's vision and mission, ensuring that students graduate as competent and skilled individuals prepared for the future. Additionally, Program Educational Objectives (PEO) outlines the broader goals of each program and contributes to shaping students overall educational experience. The Institute ensures that POs, PEOs, and course objectives (CO) are prominently displayed at various locations on campus, allowing students to familiarize themselves with the intended learning outcomes of their programs. Regular student awareness sessions are conducted to further reinforce understanding and awareness of these objectives, fostering a sense of purpose and direction in students educational journeys. Faculty members meticulously map Course Objectives (CO) to Program Outcomes (PO) and utilize Bloom's Taxonomy levels to guide the design and delivery of course content and assessments. In addition to CO-PO mapping, faculty members also conduct CO-PSO mapping, which involves aligning Course Objectives with Program-Specific Outcomes (PSO). This process enables faculty to identify and address any gaps between course content and program objectives,

ensuring that students acquire the specific skills and competencies relevant to their chosen fields of study.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/2.6.1/">https://iqac.technonjr.org/aqar/2022-23/part-b/2.6.1/</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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 evident through its structured approach to evaluating student performance and ensuring the fulfilment of Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs). The Institute follows OBE principles, which involve assessing students based on the achievement of clearly defined outcomes. These outcomes include Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs). The design of Course Outcomes is informed by Bloom's Taxonomy, reflecting the cognitive levels at which students are expected to operate. CO-PO/PSO mapping ensures a systematic alignment between course-specific objectives and broader program objectives, fostering a cohesive and integrated educational experience. The Internal Quality Assurance Cell (IQAC) ensures that assessment practices align with educational objectives and contribute to the overall improvement of the teaching-learning process. After the declaration of results by the Rajasthan Technical University (RTU), the Institute conducts a detailed subject-wise result analysis. Attainment of a particular subject is considered achieved if the results are greater than 60% in external exams and 75% in internal exams. If attainment falls below these thresholds, the department defines actions for improvement, demonstrating a commitment to continuous enhancement. The Institute goes beyond direct assessment measures by calculating the indirect attainment part. This involves gathering feedback from various stakeholders, including employers, alumni, parents, students and faculty. This comprehensive approach provides a holistic understanding of the effectiveness of the educational programs and identifies areas for improvement.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/2.6.2/">https://iqac.technonjr.org/aqar/2022-23/part-b/2.6.2/</a>

### 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

113

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/2.6.3/">https://iqac.technonjr.org/aqar/2022-23/part-b/2.6.3/</a>

### 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/2022-23/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)

4.728

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

### 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)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
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

12

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 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	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

**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	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**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 deeply committed to serving its community in various impactful ways across education, environment, and social welfare. Extension Activities by NCC Cadets Tree Plantation in Government schools. Yoga camp in government schools promoting physical and mental well-being among school children through yoga. Cadet selected for participation in prestigious events like the Republic day and Independence day parade, showcasing the Institute's commitment to excellence and discipline. Extension activities includes assisting three neighbouring government schools financially to improve their infrastructure, fostering better learning environments. Institute students engaging in teaching computer skills and english to government school children, enhancing their educational opportunities. Institute providing

free transportation for government school students, resulting in a significant increase in school attendance. Extension activities includes R.O. Plant distribution, Tree Plantation drive with Udaipur Chamber of Commerce and Industry, Blood donation camps collaborating with local entities to undertake various social activities. Performance of 'Nukkad Natak' :by the students for creating awareness among the people regarding voting during Rajasthan Vidhan Sabha Election , as a part of election campaign. Distribution of food packets in Government School , Ekling Pura. Extension activities for Armed force families lecture by Rakesh Yadav for Armed force wives and IT training for Armed force students.

File Description	Documents
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/3.3.1/">https://iqac.technonjr.org/aqar/2022-23/part-b/3.3.1/</a>
Upload any additional information	<a href="#">View File</a>

### 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)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 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

9

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

### 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

151

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 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

33

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
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**

566

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

**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 prioritize both physical infrastructure and technological advancements to meet the requirements of regulatory bodies like AICTE and RTU Kota, while also enhancing the teaching and learning experience for students. 24 classrooms and 5 tutorial rooms provide ample space for academic activities. 40 well-equipped laboratories cater to the practical needs of various programs. Technology-enhanced classrooms equipped with PCs/laptops, whiteboards, LCD projectors, Wi-Fi, and speakers facilitate interactive learning. There are 18 technology-enabled classrooms with LAN/Wi-Fi facilities and LCD projectors. Used for conducting special programs like seminars, workshops, symposiums, and extracurricular activities. A library with a sufficient collection of books and journals, supplemented by a digital library accessible to students and faculty. Modern computing facilities with 450 computers equipped with specialized software, accessible to students during lab hours. High-speed internet with 100 Mbps available campus-wide. Standby power generator and a 100 KVA solar panel ensure uninterrupted power supply. Institute-operated buses cover various regions of Udaipur, catering to the transportation needs of both staff and students. Various clubs offer a mix of technical and non-technical activities to develop students' organizational skills and foster a holistic learning environment.

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 the holistic development of students. Cultural Activities: ? State and National Participation: Students participate in cultural activities at both state and national levels, honing their creative skills and raising awareness about social issues. ? All-around Personality Development: Cultural activities contribute to the all-around personality development of students, enabling them to excel in their careers. Sports and Games: ? Outdoor Games Facilities: The institution provides outdoor facilities for sports and games, fostering physical fitness and sportsmanship among students. ? Sports Activities and Timetable: Sports activities are offered with a dedicated timetable, encouraging regular participation. ? Spacious and Well-equipped Outdoor Play Area: The campus has a spacious outdoor play area equipped for various sports such as cricket, football, volleyball, basketball, kabaddi, and golf. ? Intra & Inter-College Sports Events: The outdoor playground serves as a venue for organizing intra and inter-college sports events and the annual sports meet. ? Special Facilities: Separate rooms are available for table tennis, relaxation/carom, and chess, along with first aid requirements and an equipment room. ? Gymnasium: A gymnasium equipped with various types of equipment caters to the fitness needs of both faculty members and students, providing opportunities for total body workouts. ? Yoga Mandap: The Yoga Mandap promotes overall wellness and personality development among students and faculty through yoga practices.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/4.1.2/">https://iqac.technonjr.org/aqar/2022-23/part-b/4.1.2/</a>

**4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart**

class, LMS, etc.

29

#### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

29

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/4.1.3/">https://iqac.technonjr.org/aqar/2022-23/part-b/4.1.3/</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

13.7599

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 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	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/4.2.1/">https://iqac.technonjr.org/aqar/2022-23/part-b/4.2.1/</a>
<b>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</b>	<b>A. Any 4 or more of the above</b>
File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>
<b>4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)</b>	
<b>4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)</b>	
<b>3.82</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>
<b>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)</b>	
<b>4.2.4.1 - Number of teachers and students using library per day over last one year</b>	
<b>32</b>	

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

### 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: 16 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: The network configuration includes a mix of leased lines, fiber connectivity, broadband connections, and high-speed fiber-optic internet services from providers like BSNL and Jio Fiber. Computing Resources: ? Servers: Hardware components include servers from brands like IBM, HP, and D-Link, offering a mix of performance and reliability. ? Cloud Server: The on-campus cloud server, OMegha Cumulus, provides computing resources for various applications and services. Academic and Administrative Support: ? Technology-Enabled Classrooms: 18 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	<a href="#">View File</a>
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/4.3.1/">https://iqac.technonjr.org/aqar/2022-23/part-b/4.3.1/</a>



**4.3.2 - Number of Computers**

470

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	<a href="#">View File</a>

**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	<a href="#">View File</a>

**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)**

41.10491

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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 demonstrates a structured approach to maintain and utilize its campus infrastructure facilities through budgetary provisions and oversight mechanisms. Here's a summary of the key points:

**Budgetary Provisions:**

? **Allocated Funds:** Sufficient funds are allocated by the Institute Development Committee for maintenance and repair activities. ? **Monitoring Committees:** Various monitoring committees, such as the Purchase Committee, Repair and Maintenance Committee, Sports Committee, Library Committee, Lab Maintenance Committee, and Students Feedback Committee, oversee the utilization of allocated funds.

**Maintenance Activities:**

? **Stock Maintenance Committee:** Each department has a committee responsible for maintaining a stock register and conducting annual stock verification. ? **Lab Maintenance:** Regular maintenance of computer laboratory equipment is carried out by a committee headed by the Lab Maintenance Committee Convenor. ? **Campus Development:** The Campus Discipline and Cleanliness Committee oversee the overall development of the campus, including regular cleaning, garbage disposal, pest control, landscaping, and lawn maintenance. ? **Regular Inspection:** Campus maintenance is monitored through regular inspections, with a dedicated WhatsApp group for maintenance-related communication. ? **Hostel Monitoring Committee:** Ensures the upkeep and cleanliness of facilities in men's and women's hostels. ? **Outsourcing for Maintenance:** Maintenance and repair of IT infrastructure, including computers and internet facilities, are outsourced. Software updates are managed by lab assistants, and water cooler and purifier maintenance are handled by outsourcing agents. ? **Library Maintenance:** Reading room maintenance and regular stock verification of library books are carried out by library staff.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/pa-rt-b/4.4.2/">https://iqac.technonjr.org/aqar/2022-23/pa-rt-b/4.4.2/</a>

**STUDENT SUPPORT AND PROGRESSION****5.1 - Student Support****5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

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

67

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

**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**

297

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

**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	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/5.1.3">https://iqac.technonjr.org/aqar/2022-23/part-b/5.1.3</a>
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

102

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

102

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 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

102

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 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

2

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 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	<a href="#">View File</a>

**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.**

41

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
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)	<a href="#">View File</a>

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 has a vibrant club system aimed at fostering student involvement in a wide array of activities, both academic and extracurricular. Here's an overview of the clubs and committees:  
**Student Clubs:** ? Toastmasters International - Techno Ariston: Focuses on developing public speaking and leadership skills among students. ? XR Club (AR/VR Club): Explores and engages in augmented reality and virtual reality technologies. ? CodeChef Coding Club: Promotes coding skills and participation in coding competitions. ? Google Developer Student Club Udaipur - Techno India NJR: Encourages students to explore and develop applications

using Google technologies. ? Entrepreneurial Club: Nurtures entrepreneurial spirit among students, providing opportunities for ideation and startup ventures. ? xPollinator@Techno NJR: Engages in innovation and ideation, fostering a culture of creativity and problem-solving. ? IoT and Robotics Club: Explores advancements in Internet of Things and robotics technologies, providing hands-on experience. ? Social Outreach Club: Undertakes social service activities and community outreach initiatives to make a positive impact. Functional Committees: ? Sports Committee: Comprises faculty members and student representatives, responsible for planning and organizing sports activities and events. ? Extra-curricular, Sports, Cultural, and NCC Committee: Oversees a wide range of extracurricular activities, ensuring holistic development among students. Hostel Committee: ? Conducts regular meetings to address student grievances related to hostel facilities and amenities, with faculty members providing solutions and interventions as needed.

File Description	Documents
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/5.3.2/">https://iqac.technonjr.org/aqar/2022-23/part-b/5.3.2/</a>
Upload any additional information	<a href="#">View File</a>

### 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

26

File Description	Documents
Report of the event	<a href="#">View File</a>
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)	<a href="#">View File</a>

## 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 this institution plays a crucial role in the overall development and success of both current students and graduates.

? Feedback on Syllabus and Curriculum: Alumni provide valuable feedback on syllabus content and delivery, helping the institution to continually improve its educational offerings. ? Contribution to Institute Development: Many alumni voluntarily contribute to the development of the institute, demonstrating their commitment to its growth and success. ? Guidance and Support for Students: Alumni offer guidance and support to current students, sharing insights on professional avenues, providing expert advice, conducting seminars, and organizing visits. ? Entrepreneurship Development: The alumni association facilitates training programs in entrepreneurship development, leveraging resources available within the alumni network. ? Support for Higher Education Abroad: Alumni who have pursued higher studies abroad assist students in the admission process and provide ongoing support after admission. ? Promotion of Industry-Institute Interaction: Alumni promote interaction between the institute and industries, bridging the gap between industry requirements and educational offerings to enhance students' employability. ? Placement Activities: Alumni arrange and support placement activities, facilitating career opportunities for current students. ? Environmental and Social Awareness: Alumni contribute to environmental conservation efforts, anti-pollution activities, and promote social awareness initiatives within the institute and the wider community. ? Guidance on Anti-Social Activities: Alumni play a role in guiding students and ex-students on issues such as anti-drug measures, anti-ragging policies, and other anti-social activities, fostering a safe and inclusive environment.

File Description	Documents
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/5.4.1/">https://iqac.technonjr.org/aqar/2022-23/part-b/5.4.1/</a>
Upload any additional information	<a href="#">View File</a>

5.4.2 - Alumni contribution during the year

E. <1Lakhs



(INR in Lakhs)	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
<b>GOVERNANCE, LEADERSHIP AND MANAGEMENT</b>	
<b>6.1 - Institutional Vision and Leadership</b>	
6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution	
<p>The Governing Council (GC) of the institute serves as the highest decision-making body, ensuring alignment with regulatory guidelines and the institute's vision, mission, and quality policy.</p> <p>? Composition and Functionality: 1. Constituted as per AICTE guidelines, the GC oversees strategic planning through a collaborative approach involving all stakeholders. 2. Decisions on admissions, budgeting, infrastructure, teaching-learning processes, and placements are made in accordance with the institute's vision and mission. 3. Meetings are held once or twice a year to review performance, with proceedings documented and action taken reports prepared and appraised regularly. ? Democratic and Transparent Governance: 1. Governance approach is participatory, decentralized, and transparent, fostering the participation of all stakeholders for effective functioning. 2. All decisions and actions are aimed at promoting the overall growth and development of the organization. ? Involvement of Senior Faculty and Committees: 1. Senior faculty members are actively involved through various academic and administrative committees such as the Finance Committee, Board of Studies (BOS), Board of Examiners (BOE), Training and Placement Officer (TPO), and others. 2. Faculty members are encouraged to attend capacity-building training programs to strengthen administrative capabilities. ? Quality Monitoring: Quality activities are monitored through the Institute Quality Assurance Cell (IQAC), ensuring adherence to quality standards and continuous improvement.</p>	

File Description	Documents
Paste link for additional information	<a href="https://www.technonjr.org/about/">https://www.technonjr.org/about/</a>
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:**

? Curricular Planning and Implementation ? Teaching-Learning Processes ? Research, Collaboration, and Extension Activities ? Academic Infrastructural Facilities ? Student Support Activities and Student Progression ? Internal Quality Assurance System ? Institutional Values and Best Practices ? Governance, Leadership, and Management

**Implementation of Institutional Perspective and Strategic Plan in Teaching, Learning, and Research:**

? Faculty Development Programmes: Conducted by the Research and Collaboration Committee (RCC) and departments to enhance teaching and research skills. ? Introduction of Innovative Add-on/Certificate Courses: Offered by the Add-on Courses Committee to provide additional learning opportunities for students. ? MoUs with Industrial Sectors: Signed for training, development, and placements, enhancing industry-relevance of academic programs. ? Emphasis on ICT Tools: Utilization of ICT tools for effective teaching and learning, promoting interactive and engaging education.

? Research Training Workshops: Organized for students to equip them with the latest research methodologies, fostering a culture of research. ? 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	<a href="https://i0.wp.com/www.technonjr.org/wp-content/uploads/2022/05/organization-structure-min.jpg?w=640&amp;ssl=1">https://i0.wp.com/www.technonjr.org/wp-content/uploads/2022/05/organization-structure-min.jpg?w=640&amp;ssl=1</a>
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 helps to improve academic quality by focusing on the following areas:

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: Each year, various groups and committees develop a strategic plan of events and activities to support growth in these key areas. At the end of the year, we review implementation and outcomes to see how successful our prospective plans were. One area where we've seen successful implementation of our Institutional Perspective and Strategic Plan is Teaching, Learning, and Research. This has been achieved through the deployment of Action Plan for the following initiatives:
  1. Faculty Development Programmes by RCC (Research and Collaboration Committee) and the Departments.
  2. Introduction of innovative Add-on/Certificate Courses by the Add-on Courses Committee.

3. Collaboration with Foreign Universities for Student international research internships and projects

4. MoUs signed with Industrial sectors for training, development, and placements.

5. Emphasis on using the ICT tools for effective teaching and learning.

6. Research training workshops are organized for students to equip them with the latest research methodologies.

7. To give exposure to both faculty and students about the latest global trends in academics, industry, sciences and environment, conferences and seminars are organized by various departments.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/6.2.1/">https://iqac.technonjr.org/aqar/2022-23/part-b/6.2.1/</a>
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.
3. **Principal:** Responsible for overall administration and academic leadership.
4. **Head of Departments (HODs):** Lead individual academic departments.

**Committees:**

1. Board of Governors / Governing Council
2. Board of Examination
3. Internal Quality Assurance Committee (IQAC)
4. Students Grievances & Redressal Committee
5. Faculty, Staff Grievances & Redressal Committee
6. Vishakha Cell (Sexual Harassment) Committee
7. Anti-Ragging Committee
8. Student Council Committee
9. Hostel and Canteen Committee
10. Finance and Planning Committee
11. Building and Civil Work Committee
12. Library

Committee 13.NCC, Social Activity (NSS) Committee 14.Sports Committee 15.Industry Interaction (TPO) Committee 16.Result Analysis 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	<a href="https://i0.wp.com/www.technonjr.org/wp-content/uploads/2022/05/organization-structure-min.jpg?w=640&amp;ssl=1">https://i0.wp.com/www.technonjr.org/wp-content/uploads/2022/05/organization-structure-min.jpg?w=640&amp;ssl=1</a>
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	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

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

The institution's welfare measures for teaching and non-teaching

staff demonstrate a commitment to their well-being and support. Here's an overview of the welfare measures provided:

? **Free Bus Facilities:** Staff members are provided with free bus facilities from various parts of Udaipur, ensuring convenient transportation. ? **Free Accommodation:** Bachelor faculty members receive free accommodation within the campus premises, enhancing their convenience and comfort. ? **Financial Assistance for Emergency Medical Expenses:** Staff members receive financial assistance to meet emergency medical expenses for themselves and their family members. ? **Medical Leaves:** Hospitalized staff members are granted medical leaves to focus on their recovery without worrying about work commitments. ? **Interest-Free Loans:** Short-term interest-free loans are available for housing and personal needs, providing financial support when needed. ? **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 with salaries below Rs. 15,000 receive ESIC protection, including medical benefits and other support. ? **Maternity Leave and Other Benefits:** Maternity leave and other benefits are provided to staff members to support them during important life events. ? **Support for Higher Education and Training:** Staff members receive support for higher education, certifications, training, and attending conferences, fostering professional development. ? **Free Mobile Facility:** All staff members are provided with free mobile facilities, ensuring connectivity and communication. ? **Research and Professional Development Sponsorship:** Sponsorship for research papers, patents, and faculty membership of professional societies is provided, encouraging academic and professional growth.

File Description	Documents
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/6.3.1/">https://iqac.technonjr.org/aqar/2022-23/part-b/6.3.1/</a>
Upload any additional information	<a href="#">View File</a>

### **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**

11

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### **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**

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
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)	<a href="#">View File</a>

### **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**

21

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

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

The institution's performance appraisal systems for both teaching and non-teaching staff are comprehensive and aimed at evaluating various aspects of their roles and responsibilities. Here's an overview of the performance appraisal criteria for each:

**Performance Appraisal Criteria for Teaching Staff:**

- ? Subjects Taken and Weekly Load: Evaluation of the subjects taught by the faculty and their weekly workload.
- ? Student Feedback on Teaching and Punctuality: Feedback from students regarding teaching effectiveness and punctuality.
- ? Higher Education / FDP / Certifications: Assessment of faculty's participation in higher education pursuits, Faculty Development Programs (FDPs), and certifications.
- ? Industry Project Execution: Performance in executing industry projects or collaborations.
- ? Results of Students Based on Subjects Taught: Evaluation of student results based on the subjects taught by the faculty.
- ? Research Output: Assessment of research productivity, including research papers, books, or book chapters published by the faculty.

#### Performance Appraisal Criteria for Non-Teaching Staff

##### Laboratories:

- ? Maintenance of Equipment: Evaluation of the non-teaching staff's ability to maintain laboratory equipment in good condition.
- ? Student Feedback: Feedback from students regarding the support and assistance provided by non-teaching staff in laboratory activities.

##### Other (Accounts / Administration):



? Sincerity, Punctuality and Honesty : Assessment of the staff member's sincerity, dedication to their work responsibilities ,punctuality in performing their duties. honesty and integrity in their work and ability to complete assigned tasks within deadlines. By considering these diverse criteria, the institution ensures a holistic evaluation of both teaching and non-teaching staff, promoting accountability, continuous improvement, and overall institutional effectiveness.

File Description	Documents
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/6.5.3/">https://iqac.technonjr.org/aqar/2022-23/part-b/6.5.3/</a>
Upload any additional information	<a href="#">View File</a>

#### 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 a strong financial system designed as per guidelines of "Report on Implementation of Accounting Standards in Educational Institutions of Department of Higher Education" by Ministry of Human Resource Development and include :

1. Maintenance of Ledger/register of : Fees Collection Caution Money Funds Scholarship Inventory Register department wise Hostel Buses Laboratory/Workshop  
 2. All accounting Standards are followed.  
 3. Cash Purchases are Limited.  
 4. All Statutory requirements are met.  
 5. Fees is not charged more than the State Fees committee recommendation  
 6. 85% of surplus funds are reinvested  
 One of the trustees of the institute is a Chartered Accountant who heads.

The internal Audit committee of the institute conducts internal audits as per Technical Guide on Internal Audit of Educational Institutions. Most of the accounting issues are resolved by this committee. In case of issues raised by External auditors, a meeting headed by the Institute Director who is also the Managing trustee of the foundation is called which is attended by the Accounts head and Department heads to provide satisfactory explanations to the objections raised by the auditors. The Institute director and Accounts head then meet external auditors to provide satisfactory explanations to the queries raised by

them. In case they are unable to explain any issue satisfactorily, External auditors mention it in their Auditors' report.

File Description	Documents
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/6.4.1/">https://iqac.technonjr.org/aqar/2022-23/part-b/6.4.1/</a>
Upload any additional information	<a href="#">View File</a>

#### 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)	<a href="#">View File</a>

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

Techno India NJR Institute of Technology was set up by Navdeep Jitendra Ranawat Charitable Foundation on the Land purchased from RIICO by the foundation from donations made by the Trustees and initial building and infrastructure were also created by funding from trustees so that there is no burden on the Institute in the initial stage. Initial 3 years of expansion was also done by trust funds and funds generated by the Institute.

- The institute is seriously working on creative startups in the technology and products developed through institute's R&D efforts. The institute has developed a cloud-based ventilator and taking it to production stage. This project is expected to generate good revenue for the institute. The institute has applied to set up a skill hub training center in the partnership with National Skill Development Corporation - NSDC. The institute is expecting approval for

240 students which will generate a revenue of approx. 15-20 lakh rs per annum.

- The institute in partnership with TCS and NTA, have been organizing online tests like NEET, JEE and other government/private entrance test/exams which generate a revenue of 4-6 lakh rs per annum.
- The institute has 12 labs with 450 desktop computers for students, however as most of the students are bringing laptops, the institute is utilizing these resources for promotion of IT education among students of government college etc. These activities are done without charging any fees from students.

File Description	Documents
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/6.4.3/">https://iqac.technonjr.org/aqar/2022-23/part-b/6.4.3/</a>
Upload any additional information	<a href="#">View File</a>

## 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

The Techno India NJR Institute of Technology in Udaipur has consistently upheld high standards of teaching and learning, supported by a robust quality assurance mechanism overseen by the Internal Quality Assurance Cell (IQAC). Here are some notable contributions and initiatives undertaken by the institution:

? Ventilator Design: Collaborating with PARC and Clear pack, the institute designed ventilators to address the shortage faced during the pandemic, contributing to healthcare solutions. ? Course and Program Mapping: All courses were mapped with Course Outcomes, Program Outcomes, and Program Specific Outcomes, with attainment calculations conducted for the Computer Science and Engineering branch. This practice will be extended to other departments. ? Integration of Bloom's Taxonomy: Bloom's Taxonomy is integrated into course plans to map various cognitive levels with course outcomes, enhancing the effectiveness of teaching and learning. ? Infrastructure Augmentation for Online Learning: Recognizing the importance of online learning infrastructure in the COVID-19 era, the Governing Council approved subscriptions for Zoom, the setup of a digital studio, and a Blended Classroom Proposal with Impartus Innovation (upGrad Campus). This initiative

aims to modernize teaching methods and provide experiential learning opportunities for students. ? Partnership with Udaipur Chamber of Commerce & Industry (UCCI): ? Assisting in designing and delivering the IT Readiness Programme for graduates. ? Supporting UCCI in providing Oxygen Concentrator Machines to Government Hospitals and the District Administration. ? Assisting in the plantation drive in various RIICO industrial areas of Udaipur.

File Description	Documents
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/6.5.1/">https://iqac.technonjr.org/aqar/2022-23/part-b/6.5.1/</a>
Upload any additional information	<a href="#">View File</a>

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 IQAC at the Techno India NJR Institute of Technology has been instrumental in driving incremental improvements across various activities of the institute. Here's how:

? Low-Cost Ventilator Design: Responding to the shortage of ventilators during the pandemic, the institute collaborated with Clearpack and PARC to design low-cost ventilators. This initiative demonstrates the institution's dedication to leveraging technology for societal impact and healthcare innovation. ? Training in Cutting-Edge Fields: In response to evolving market demands, students have received comprehensive training in emerging domains like Full Stack Development, Google Cloud Educator, as well as Artificial Intelligence (AI), Generative AI, and Data Analytics. This holistic approach ensures that students possess the requisite expertise to address industry requirements effectively. ? CO-PO Mapping with Bloom's Taxonomy: Course files of other branches have initiated CO-PO mapping with Bloom's Taxonomy. This integration enhances curriculum alignment with desired learning outcomes, fostering holistic student development. ? Infrastructure for Online Courses: In response to the COVID-19 situation, the Governing Council approved requests forwarded by the IQAC, including subscriptions for Zoom, setup of a digital studio, and a Blended Classroom Proposal with Impartus Innovation (upGrad Campus). These measures aim to enhance online learning infrastructure, ensuring continuity in education delivery amidst

challenging circumstances.

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

File Description	Documents
Paste link for additional information	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/6.5.2/">https://iqac.technonjr.org/aqar/2022-23/part-b/6.5.2/</a>
Upload any additional information	<a href="#">View File</a>

**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	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/6.5.3/">https://iqac.technonjr.org/aqar/2022-23/part-b/6.5.3/</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **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 is taking certain specific initiatives to facilitate gender equity, development and empowerment and promotes education

for girls while providing a safe and secure environment on the campus. As a result, the number of girl students batch-wise is satisfactory.

Total students in 2022-23 - 205 out of which number of girls is 59 ( 28.78 % of girls in the batch) Our Gender Positive Initiatives are - Vishakha Cell (Sexual Harassment) Committee

- The cell is active and consists of one woman faculty, one woman non-teaching staff and a few female students and aims to promote well-being and equality for the female gender. Internal Complaint Committee - The committee consists of the Principal and three senior faculty members, one woman and the local police station in charge who look into grievances and solve it at the earliest. Anti-Ragging Committee - Anti-ragging committee is there and no case of anti-ragging has been reported so far. Safety and Security - Internal Compliances committee has been constituted for the redress of grievances and prevents any sexual abuse of girl students and female workers.

Harassment is prevented by using secret monitory services like deployment of CCTVs across the campus, Separate GYM timings for girls. Counselling-- Counselling centre helps to facilitate the Academic, Emotional, Social and cognitive development of the students. Parents and teachers are also getting the benefits from the counsellor regarding guidance of the students inside the campus and in their homes. Common Room- There is a separate common room for boys and girls.

File Description	Documents
Annual gender sensitization action plan	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/7.1.1/7.1.1%20A.pdf">https://iqac.technonjr.org/aqar/2022-23/part-b/7.1.1/7.1.1%20A.pdf</a>
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	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/7.1.1/7.1.1%20B.pdf">https://iqac.technonjr.org/aqar/2022-23/part-b/7.1.1/7.1.1%20B.pdf</a>

**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/**

**A. 4 or All of the above**

**power efficient equipment**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
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

It sounds like your campus has implemented a comprehensive waste management system, covering various types of waste such as solid waste, liquid waste, biomedical waste, hazardous waste, and e-waste. Here's a breakdown of your system:

? Solid Waste Management: Organic waste containers for plastic waste near canteens and workshop areas. Vermicompost container at the parking area for organic waste. ? Liquid Waste Management: Disposal of wastewater into a pit for recharging groundwater, located behind the open canteen. Pipelines from bathrooms, kitchen, and washing areas discharge into this pit. ? Biomedical Waste & Hazardous Waste Management: A dedicated room for biomedical and hazardous waste, situated away from the main building behind the canteens. Regular cleaning and maintenance based on waste quantity. ? E-waste Management: A dedicated room for the collection of e-waste on the top floor. Maintenance handled by the IT staff. ? Waste Recycling System: Segregation of organic waste and plastic waste at the point of generation. Installation of different types of waste containers throughout the campus.

This system shows a proactive approach to waste management, with a focus on segregation, proper disposal, and recycling. It's great to see the implementation of measures for various types of waste, ensuring environmental sustainability and compliance with regulations.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="https://iqac.technonjr.org/aqar/2022-23/part-b/7.1.3/">https://iqac.technonjr.org/aqar/2022-23/part-b/7.1.3/</a>
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	<a href="#">View File</a>
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	<a href="#">View File</a>
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**

A. Any 4 or all of the above



**following 1.Green audit 2. Energy audit  
3.Environment audit 4.Clean and green  
campus recognitions/awards 5. Beyond the  
campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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 dedicated to cultivating a sense of nobility and**

moral responsibility in its students, achieved through various activities promoting ethical, cultural, and spiritual values. Annual educational trips are organized to enhance academic performance, offering students experiential and conceptual learning opportunities beyond textbooks. These trips also stimulate reasoning skills and foster bonding between students and teachers, improving social and life skills.

Commemorative days and celebrations of cultural and regional festivals are organized to promote oneness and social harmony. Events like the Fresher's Party and the Farewell Party facilitate communication between seniors and juniors, creating a supportive environment. The college also hosts the Annual Inter College Techfest, Techjalsa, inviting participation from numerous engineering colleges. This event features a variety of competitions and entertainment, enhancing the overall student experience.

Additionally, the college celebrates faculty birthdays together, fostering a positive work environment and boosting morale. These initiatives collectively contribute to the holistic development of students, making them responsible citizens who uphold national values of social and communal harmony.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
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

It's inspiring to see the institute actively involved in various social and humanitarian activities. Here's a summary of the initiatives:

The institute's active involvement in various social and humanitarian activities is truly inspiring. Through initiatives like the Blood Donation Camp, the institute promotes humanity and encourages students to become responsible citizens and blood donors. This effort also aims to bridge the gap between blood demand and access, educating students about the importance of donation and dispelling myths.

Engagement in teaching at nearby government schools showcases community outreach and supports academic development in the local area. Plantation drives contribute to environmental conservation, increasing green cover and mitigating deforestation. Providing a free R.O. Water Plant to nearby villages promotes public health and ensures access to clean drinking water.

The institute's students perform Nukkad Natak (street plays) to create awareness among people for voting during the Rajasthan Vidhan Sabha election and seminars on topics like voter ID creation and election importance demonstrate a commitment to civic awareness. Additionally, by offering free computer learning training for students of the Army School and distributing food packets in the Government School, Ekling Pura further illustrates the institute's dedication to social responsibility and community welfare. These initiatives not only benefit society but also in still value of empathy, compassion, and service among students and staff, fostering a culture of social consciousness and sustainable development.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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	<a href="#">View File</a>
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	<a href="#">View File</a>
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 Republic Day, Independence Day, Constitution Day and International Yoga Celebration Day and Apart from that, the Institute celebrates Holi, Dhanteras, Janmashtami. The institute is committed to promoting ethics and values amongst students and faculty. The institute organises National festivals, as well as Anniversaries for the great Indian Personalities, including - 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 ) is the birthday of a great teacher Dr Sarvapalli Radhakrishanna Engineers day (15th September) is the Birth Anniversary of Sir M.Visvesvaraya the great Engineer of the country Constitution Day ( 26th November ) Birth and Death of anniversary of great personalities: Mahatma Gandhi ( 2 October)

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 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 to enhance the skills and employability of its students.

**A) Value-Added Training:** The institute offers industry-oriented training programs to meet the demands of the corporate sector. Recognizing the gap between academic curriculum and industry needs, the institute provides training in communication and technical skills to improve students' performance in recruitment drives. This initiative has shown success, with improved performance in aptitude and technical tests. However, challenges such as limited time availability and student receptiveness remain.

**B) Research Activities:** The institute fosters a research-oriented atmosphere, benefiting both faculty and students. Faculty members engage in various research activities, leading to publications, patents, and appointments as visiting professors. This not only enhances teaching but also exposes students to innovative ideas, preparing them for higher studies or corporate roles.

**C) Development of Products:** The institute commercializes projects and products developed by faculty and students, contributing to revenue generation. Examples include a Learning Management System (LMS) for IBM and a cloud-based ventilator, highlighting the institute's commitment to innovation and practical application of knowledge.

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's mission is to provide high-quality engineering education at an affordable price to students from the region. It is committed to becoming a centre for excellence, which offers comprehensive technical education and research opportunities, and develops the total evaluation system to assess the performance of its students. The institute's academic standards are set by its students according to their program objectives and goals. Students are also encouraged to take on in-house projects related to their field of interest. The following activities are conducted on

regular basis: 1. Expert Technical Lectures 2. FDPs 3. Bridge Courses/Short Term Technical Online Courses/MOOC 4. Beyond syllabus experiments 5. Research paper writing, patent and copyright filing 6. Student international research internships 7. Student internships at companies 8. Extra-curricular activities are also conducted for students to enhance their social and academic development. personality of its students. The institute follows an innovative teaching-learning process that involves the use of the latest technology. It is followed by a continuous

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 plan for the next academic year encompasses comprehensive strategies aimed at enhancing curriculum, infrastructure, administrative efficiency, research culture, student outreach, career development, and extracurricular engagement. It focuses on introducing new courses in cutting-edge fields like Generative AI, IoT, Cloud Computing, and Rapid Prototyping while ensuring quality monitoring and industry alignment. Infrastructure development includes upgrading facilities and digital platforms to support these courses. Office administration tasks will be automated to streamline processes, with staff training and support services improved. Research and innovation promotion involves incentivizing faculty research, fostering partnerships, and organizing knowledge-sharing events. Scholarship programs aim to support deserving students in emerging tech fields, alongside outreach initiatives for wider community engagement. Career development efforts include job-oriented courses, industry collaborations, and a dedicated placement cell for students. Finally, extracurricular activities such as sports, cultural events, and tech competitions will be promoted to facilitate holistic student development and innovation showcase.