YEARLY STATUS REPORT - 2021-2022

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

• Financial Status	**Self-financing**
• Name of the Affiliating University	**Rajasthan Technical University Kota**
• Name of the IQAC Coordinator	**Yogendra Singh Solanki**
• Phone No.	**02942650215**
• Alternate phone No.	**8696932727**
• Mobile	**8696932715**
• IQAC e-mail address	**iqac@technonjr.org**
• Alternate e-mail address	**yogendra.solanki@technonjr.org**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.technonjr.org/wp-content/uploads/2022/03/AQAR.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.technonjr.org/academic-calender/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.54**	**2022**	**22/03/2022**	**21/03/2027**

6.Date of Establishment of IQAC	**06/07/2020**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**
• Upload latest notification of formation of IQAC	View File

9.No. of IQAC meetings held during the year	2	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	No	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

11.Significant contributions made by IQAC during the current year (maximum five bullets)

Monitoring and Evaluation: It monitors and evaluates various academic and administrative activities to ensure that they are in line with the objectives of the institution.

IQAC encourages and promotes research and innovation in the institution

It facilitates communication and consultation with stakeholders such as students, faculty, alumni, and the community.

IQAC helps to identify areas of improvement and implement changes to enhance the quality of education.

It is a mechanism established in higher education institutions in India to monitor and evaluate the quality of education being offered

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Assessment of Current Status	The IQAC assesses the current status of the institution to identify areas for improvement.
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**

- Name of the statutory body

Name	Date of meeting(s)
IQAC	20/01/2023

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	13/01/2023

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 include incorporating interdisciplinary courses and programs, encouraging collaboration between departments, and promoting interdisciplinary research initiatives.

16.Academic bank of credits (ABC):

Not Applicable. The institute is the affiliated with Rajasthan Technical University Kota and Marksheets and degree certificates prepared and released by the university only. Although the institute has registered the institute's profile on ABC portal.

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. In recent years, the 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   **329**

Number of courses offered by the institution across all programs

during the year

File Description	Documents
Data Template	View File

2.Student

2.1   **568**

Number of students during the year

File Description	Documents
Data Template	View File

2.2   **213**

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

File Description	Documents
Data Template	View File

2.3   **131**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1   **76**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2   **78**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**329**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**568**

File Description	Documents
Data Template	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**213**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**131**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**76**

File Description	Documents
Data Template	View File

3.2	**78**
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	**View File**

4.Institution

4.1	**28**
Total number of Classrooms and Seminar halls	

4.2	**162**
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 is affiliated to Rajasthan Technical University and is committed to delivering high-quality education. The institute follows a strict and well-documented curriculum delivery process, ensuring that all syllabus requirements are met and exceeded. The academic calendar, teaching load distribution, timetable, and course of action for each semester are communicated to faculty members through a departmental meeting with the respective Head of Department. The institute follows project-based learning, and courses are allocated to faculty members based on their expertise. Every subject at the institute has a CO-PO Mapping, which helps in conducting a gap analysis. Beyond the regular RTU syllabi, the institute also offers courses that prepare students for the industry, along with online courses from Coursera and NPTEL. The faculty members are constantly updating their knowledge and are equipped to provide engaging and informative hand-on demonstrations. The institute has a monitoring system in place to

track students' progress, and offers various course delivery methods such as lectures, class presentations, and tutorials. The institute also has a mentor-mentee scheme to help students receive counseling and bridge the knowledge gap. Overall, the institute's student-centric approach is one of its strengths, helping all students succeed in the program of their choice.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://iqac.technonjr.org/aqar/2021-22/part-b/1.1.1/

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

The Techno India NJR Institute of Technology follows the curriculum set by the Rajasthan Technical University (RTU), Kota. The institute strictly adheres to the RTU's academic calendar which includes important dates for the academic year such as the start of the semester, exams, and internal assessments. The curriculum delivery is monitored regularly to ensure all syllabus requirements are met and exceeded. The faculty members conduct assessments such as assignments, quizzes, and vivas, and two midterm exams. The exams are mapped to the COs, and a gap analysis is done based on students' performance. For students who need extra attention, the institute provides beyond the syllabus activities, mentorship, and remedial teaching. The institute also has a monitoring system in place to track student performance and provide counseling. The evaluation process is overseen by the Examination Committee with strict measures such as deployed monitors and CCTV cameras. The students are able to view their answer sheets and discuss any queries with the concerned staff. The marks are then submitted to the exam cell once the students are satisfied with the evaluation process.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	NIL

1.1.3 - Teachers of the Institution participate	D. Any 1 of the above

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

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

1.2 - Academic Flexibility

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

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

5

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

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

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

23

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

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

967

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

967

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

1.3 - Curriculum Enrichment

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

At Techno India NJR Institute of Technology, the curriculum integrates important societal issues such as moral values, ethics, gender equality, and environmental awareness. The induction program and coursework in human values and social outreach aim to instill these values in students. The college has support systems in place such as a Women's Grievance Cell, secure campus, and boys' and girls' hostels to promote a safe and supportive environment. The college offers courses in environment and ecology to raise awareness and promote sustainability, and has environmentally conscious practices like a rainwater harvesting system, a tree plantation program, and workshops and seminars on environmental topics.

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	View File

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

22

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

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

405

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above

File Description	Documents
URL for stakeholder feedback report	[View File](#)
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	[View File](#)
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	http://iqac.technonjr.org/aqar/202122/part b/Supportings/Reports/GCMOM202122.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

360

File Description	Documents
Any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

supernumerary seats)

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

57

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

2.2 - Catering to Student Diversity

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

The institute assesses the performance of its students from the start of their college journey. The 15-day induction program provides an opportunity to evaluate students' skills and categorize them as advanced or slow learners based on their performance. The institute has programs and activities for both advanced and slow learners to help them improve and succeed. For slow learners, the institute offers remedial classes, personal attention, retesting, counselling, and additional resources such as notes and question banks. For advanced learners, the institute encourages participation in workshops, seminars, clubs, and other activities like research projects and patent filing. The institute also provides guidance for higher studies and industry exposure.

File Description	Documents
Link for additional Information	[NIL](#)
Upload any additional information	[View File](#)

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

Number of Students	Number of Teachers
568	**74**

File Description	Documents
Any additional information	[View File](#)

2.3 - Teaching- Learning Process

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

The Institute focuses on student-centric teaching-learning methodologies that promote critical thinking, creativity, and problem-solving skills. This is achieved through practical and designed experiments in labs, projects, industrial training, incubation center activities, startups workshops, and participative learning. Students are encouraged to participate in technical, cultural, and sports events, as well as inter-university competitions. The faculty focuses on problem-solving skills to help students develop essential life skills. The Institute also provides certification courses in areas like deep learning, computer vision, and data analytics to prepare students for the workforce. With these skills and a strong entrepreneurial culture, students are well-equipped to succeed in their chosen fields.

File Description	Documents
Upload any additional information	[View File](#)
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 enriches the quality of education in several ways, such as increasing learner motivation and engagement, facilitating the acquisition of basic skills, and enhancing teacher training with MOOC courses. Increasing access to education (e.g. through virtual classrooms) and improving the quality of teaching and learning by providing Interactive Class Teaching (ICT) tools has made this possible, interactive, instantaneous and simultaneous with classroom teaching. The libraries are more like the Hub of Information Resource Centers full of electronic resource packages like DELNET, NPTEL. In response to the growing needs of our students, our institution exercises new ways of providing information by conducting workshops and guest lectures on the latest developments. Our institute's seminar halls are also equipped with multimedia facilities using ICT tools. As recommended by IQAC, Digital Studio has been set up with the following equipment and facilities:

- XP-Pen Digital Writing Pad for digital whiteboard

- Audio-Visual Aids and Projector

- Logitech Conference setup enabled a digital studio for producing the video lectures.

- ZOOM, Microsoft Team, Google Meet & WebEx yearly subscription for online class during COVID

- Multimedia PC with high-speed internet connection for live telecasting of lectures.

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

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

2.3.3.1 - Number of mentors

37

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

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

74

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

12

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

471

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The institute follows a comprehensive evaluation process for its students. The faculty evaluates students through assignments, vivas, quizzes, and midterms. The question papers are aligned with the Curriculum Outcome (CO-PO) and the midterm answer scripts are shown to students for their clarification. Students' laboratory records are also evaluated based on various criteria such as preparation, performance, and extra work. The department regularly monitors student performance and industrial visits are organized for practical exposure. The performance of students in sports and other co-curricular activities is also considered in the evaluation. The institute has an examination cell that ensures smooth internal evaluations and manages the collection of internal evaluation data in digital format.

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

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

The institute has implemented a comprehensive grievance redressal mechanism for students to address their issues and complaints related to exams. The Department Academic Audit Committee is in charge of ensuring the quality of exams, and students can raise any grievances with the committee. If the outcome of the committee's investigation is unsatisfactory, students can appeal to the Principal with proper justification. Additionally, the institute has provisions for students who are absent for tests for genuine reasons, are on duty during exams, are not satisfied with their performance, or could not attend a lab exam for valid reasons. The institute is dedicated to ensuring that students receive a fair and efficient examination process.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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 is committed to providing the best education to students and acting as a catalyst in shaping a bright and sustainable future for them. The Program outcomes are a set of competencies, skills, and abilities that the students develop within their course of study. Programs offered are synchronized with the vision of the institute so that program/course outcomes help in creating competent and skilled students. The vision, mission, program outcomes, and program educational objectives of different programs offered are displayed at various locations on the campus so that everyone is aware of what the institute stands for and what it wants to achieve. This institute uses CO-PO mapping of each course along with Bloom's Taxonomy level to help students improve their critical and analytical thinking skills, creativity, problem solving abilities, and interpersonal skills. CO-PSO mapping is also done by faculties in both theory subjects and labs to help them estimate gap analysis. Course objectives (CO), program outcomes (PO), and program-specific outcomes (PSO) have been defined by every department. At the beginning of every course, the faculty member discusses the course outcomes with students in the classroom as well as in the laboratory. Course Objectives (CO), Program Outcomes (PO) are published on the college website for students to refer to. Students awareness sessions are conducted periodically to remind students

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

At our institute, we follow Outcome Based Education which assesses students' performance, knowledge, and skills through Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs). According to Bloom's taxonomy, each subject's course outcomes are designed individually and mapped to its corresponding PO/PSO. Therefore, internal assessment is essential for the fulfillment of the COs, POs/PSOs. The IQAC (Internal Quality Assurance Cell) deals with the effective implementation of evaluation reforms to ensure that course outcomes, program outcomes, and program-specific outcomes are attained. After the results of RTU (Rajasthan Technical University) are declared, a

subject-wise result analysis is prepared by the respective department. A subject is considered to have been attained if the results are greater than 65% in external exams and 75% in internal exams. If the result is below a certain percentage, the department will take action to improve it. The institute also calculates the indirect attainment (based on feedback from different stakeholders, including employers, alumni, parents, students and faculty).

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

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

135

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

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)

http://iqac.technonjr.org/aqar/2021-22/part-b/Reports/GCMOM202122.pdf

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)

0.25

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

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

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

1

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

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

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

12

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

3.2 - Research Publications and Awards

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

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

1

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

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

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

3

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

3.3 - Extension Activities

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

The Institute has a fundamental philosophy of serving the neighbourhood community and educating students on various social issues, including clean water, environment protection, education

to poor children and vocational training. We can define our work for society in 3 broad categories:

A. Extension Activities by NCC Cadets:

- Tree Plantation in Government schools

- Yoga camp in government schools

- Cadet selected for PRE R.D.-Parade

B. Extension activities with Neighbourhood Government Schools: The Institute has been helping three local government schools upgrade their infrastructure and education support by providing financial assistance and having students teach school children computer and English courses. In 2021-22, activities included:

- A free bus service for government school students, which resulted in a 100% increase in attendance

- Institute students teaching computer courses to government school children

- Tree plantation in government schools and RIICO Industrial Area

- Awareness Talk on World Earth Day

C. Extension activities with Neighbourhood Society & local Chamber of Commerce: The Institute has been working with local chambers of commerce and charitable foundations on various social initiatives related to education, environment, and social work. These include:

- Setting up an R.O. Plant of 500 litres/hour capacity for free distribution in the neighbourhood

- Tree Plantation drive with Udaipur Chamber of Commerce and Industry

- Organizing blood donation camps every year (100+ students every year)

- Providing 5 LPH Oxygen Concentrator to the Govt Hospital

- **IT & Network Infrastructure Setup for CM Visit**

- **No-Tabacoo Pledge Awareness Drive with MyGov**

File Description	Documents
Paste link for additional information	<u>Nil</u>
Upload any additional information	<u>View File</u>

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

1

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

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

13

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

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

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

678

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

3.4 - Collaboration

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

37

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

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

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

5

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college regularly updates its physical infrastructure to meet AICTE / RTU Kota requirements. Overall, the college has 21 classrooms, 5 Tutorial Rooms, 39 laboratories for all programmes. Modern laboratories are established to conduct regular practical classes. The institution has several smart Classrooms that are technology-enhanced classrooms that foster opportunities for teaching and learning by integrating learning technology, assistive listening devices, networking, and audio/visual capabilities. There is a provision for connecting PCs and laptops with a whiteboard, an LCD projector, Wi-Fi, and speakers. There are 18 technology-enabled classrooms with LAN/Wi-Fi facilities and LCD projectors. Smart classrooms, seminar halls, department libraries, drawing halls, HOD offices, faculty cabins, and restrooms are provided. Laboratories are well-equipped with the latest equipment. The college campus has an internet connection with a speed of 60 Mbps, 477 modern computers with specialized software, and a LAN. The students can use the system during lab hours for academic purposes. The college library has sufficient books and hard copies of journals. The digital library can be accessed by students and faculty to get the required content. There is also a standby power generator and a 100 KVA solar panel on the campus. The institute operates buses for both staff and students, which cover almost all regions of Udaipur. Various clubs at the school offer a mixture of technical and non-technical activities to help students develop their organizational skills. These clubs give students an opportunity to learn how to work in a team, how to plan and execute projects, and how to budget their

time.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.technonjr.org/student-clubs/

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

The students at the institute take part in cultural activities at the state and national levels. This not only hones and develops the creative skills of the students but also creates awareness about social issues amongst them. Cultural activities are crucial for the all-around personality development of the students which in turn enables them to excel in their careers. To promote sports and games, the institution has outdoor games facilities. With the aim to encourage sports practices, sports activities are offered, and a sports timetable is made. The outdoor playground on campus provides an effective training environment for athletes, with space for playing cricket, football, volleyball, basketball, kabaddi, and golf. The cultural infrastructure includes OT1, OT2 and Techno Circle. The playground is also used to host various intra- and inter-college sports events and the annual sports meet. Other facilities include separate rooms for table tennis and relaxation/carom, a first aid room and an equipment room. The gymnasium at our college is equipped with various types of equipment that can be used for a total body workout by faculty members and students alike. Furthermore, the college's Yoga Mandap helps to mould the overall personality of the students and faculty.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

28

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

28

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

2.68249

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

4.2 - Library as a Learning Resource

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

Name of ILMS Software: IFW Campus ERP 2.0

Type of Automation: Fully Automate

ILMS Version: 2.0

Year of Automation: 2020-21

About ERP: IFW Campus ERP 2.0 is a Cloud-based ERP integrated solution that needs no installation because it is a subscription-based system.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	**Nil**

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	**A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

0.90728

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	[View File](#)
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

28

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	[View File](#)

4.3 - IT Infrastructure

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

The institute has 16 mounted projectors, 2 portable projectors, 6 mounted LED TVs, 1 portable LED TV, one smart digital podium, Studio Online lecture VC, and audio systems have been installed / portable for each department. There are 18 Technology Enabled Classrooms with LAN/Wi-Fi facilities, LCD projectors etc. The smart classrooms and seminar Halls and open auditorium are used to conduct special programmes like seminars, workshops, symposiums, co curricular and extracurricular activities. There is a dedicated video/lesson recording studio. The existing network configuration includes – Tech routes 1725 router Sophos XG firewall D-Link DES 1226G Cisco Catalyst switch 2690 D-Link switch DFS1224D D-Link switch DES104D D-Link switch DES1024D IBM Blade center IBM application server Hp server HP Pro 3090 MT Hp Xeon Server Hp Xeon Server ProLiant D-Link Wi-Fi DWL-2100AP TP-link WI-Fi Outdoor AP AIRPRO XDS9500S Xiaomi Mi Prompt leased line with fibre connectivity of 30 Mbps BSNL Broadband connection of 5 Mbps Jio Fiber connection 100 Mbps The existing computing resource information is as follows – OMegha Cumulus Cloud Server (On-Campus Cloud) HW component – Compute profile, 2 x 8 = 16 Physical CPU cores, 32 Logical CPU Cores, 256 MEM (GB), 3096 Disk(GB), 2 NICs, 10 TP per NIC (Gbps)

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

450

File Description	Documents
Upload any additional information	**No File Uploaded**
Student – computer ratio	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

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

39.297

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

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

The institute has a budget for maintaining and improving campus facilities, which is overseen by different committees. These committees include the Purchase committee, Repair and maintenance committee, Sports Committee, Library committee, Lab Maintenance Committee, and Students Feedback committee. The allocated funds are used to improve the campus so that students have a better experience while attending the college. To keep the college's

infrastructure in good condition, the following activities are undertaken:

- Every department has a Stock Maintenance Committee that keeps track of the inventory throughout the year.

- Annual stock verification is done by the concerned Head of Department.

- Regular maintenance of Computer Laboratory equipment is done by Laboratory Assistant along with Laboratory attendant. They are overseen by the Lab Maintenance Committee Convenor.

- Four class institute employees regularly clean water tanks, dispose of garbage properly, conduct pest control, and maintain landscapes and lawns.

- College campus maintenance is monitored through regular inspection and there is a separate WhatsApp group for maintenance purposes.

- The hostel monitoring committee is responsible for ensuring the upkeep of all facilities and cleanliness of the environment in both the men's and women's dormitories.

- Outsourcing is done for maintaining and repairing IT infrastructure such as computers and internet facilities like Wi-Fi and broadband. Lab assistants update software as needed.

- The water cooler and water purifier are regularly maintained by an outsourcing agent, while the reading room and library book stock are regularly verified by library staff.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

66

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

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

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

77

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

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

File Description	Documents
Link to institutional website	https://iqac.technonjr.org/aqar/2021-22/part-b/5.1.3
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

94

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

94

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

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

94

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

2

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

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	*View File*
Any additional information	**No File Uploaded**

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.

3

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

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

Student Clubs- This institute has different clubs that help students learn things like planning, organization, estimation, execution, and troubleshooting. These clubs also give students valuable experience in project work and team building. The clubs are a great way for students to get involved in academic, co-curricular, and extracurricular activities. Toastmasters International - Techno Ariston, XR Club (AR/VR Club), CodeChef Coding Club and Google Developer Student Club Udaipur - Techno India NJR, Entrepreneurial Club, xPollinator@Techno NJR, IoT and Robotics Club and Social Outreach Club are the clubs included.

Extra-curricular, Sports, Cultural and NCC Committee - One of the functional committees formed under the governance of Techno India NJR Institute of Technology, is the Sports committee which comprises faculties from various departments and also student representatives of each class. The twice monthly meetings for reviewing and planning short term and long term activities are great opportunities for students to get involved in the decision-making process of the Hostel Mess and other amenities. The girls' hostel has a separate hostel committee that meets to discuss grievances and find solutions to problems relating to discipline, hygiene, and other relevant issues. Faculty members are always on hand to provide guidance and solutions.

File Description	Documents
Paste link for additional information	https://iqac.technonjr.org/aqar/2021-22/part-b/5.3.2/5.3.2%20Student%20Committees.pdf
Upload any additional information	View File

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

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

18

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

5.4 - Alumni Engagement

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

We take pride in every single one of our alumni members and their accomplishments in various areas after graduation, whether it be in terms of their careers, furthering their education, or venturing into entrepreneurship. The main objectives of the alumni association are to provide feedback on syllabus content and delivery as well as support the development of the institute through alumni contributions. In addition, alumni also guide current students of the institute on various professional avenues available to them and offer support through activities such as expert advice, seminars, and visits. Alumni of the Institute play an important role in its success. Many of them go on to do higher studies abroad and are thus able to help current students with the admission process. They also promote Industry-Institute interaction to bridge the gap between industry requirements and education offered, enhancing students' employability. Furthermore, they arrange and support placement activities for the students of the Institute. The alumni also help towards environmental conservation, anti-pollution activities and all possible ways of social awareness. They also help and guide students and ex-students of the Institute for anti-drug, anti-ragging, and any other anti-social activities. As alumni, they share a bond with the institute and want to see it and its students succeed - not just academically but in all aspects of life.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) | E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

VISION- To provide highly affordable world-class engineering education to the students of this region.

MISSION –https://www.technonjr.org/about/

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

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

The Institute operates with a decentralized structure in all aspects, including academics, administration, and extra-curricular activities. This approach is achieved through a well-structured committee and society system, such as the IQAC, Staff Council, Student Council, Time Table Committee, and various cultural societies. All members of the community, including management, governing body, principal, teachers and non-teaching staff, parents, students, and alumni, work together in a democratic governance system and are accountable for their responsibilities. The top management implements the college's vision, mission, and values while also planning for its development and introducing new courses. Academic advising helps students identify their strengths and career goals, while the college's vision is to provide quality education that meets the evolving needs of students and the community. The college management is responsible for academics, student development, discipline, and coordination with external organizations, while the Head of Department assists the Principal in academic and administrative matters and helps with student research and recruitment. Faculty members have responsibilities such as monitoring attendance and participation in cultural activities, following the CBC schedule, mentoring students, and conducting research.

File Description	Documents
Paste link for additional information	https://www.technonjr.org/wp-content/uploads/2021/10/organization-structure-min-2-1-2048x1311.jpg
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	[View File](#)
Paste link for additional information	[NIL](#)
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 has a well-structured organizational hierarchy which is as follows: Governing Council Director and Trustees Principal Deans Head of the Departments The Governing Council is the highest body of the college and it is the supreme decision-making body. The Governing Council of the college meets once a year. In the governing body, several issues pertaining to various academic and administrative matters are taken up, discussed and appropriate decisions are made, keeping student development as its central agenda. In addition to the governing body, there are several statutory and other committees in place to administer various activities related to academics, administration and extension. The Principal, and HODs, with the help of faculty members, review the progress achieved and problems faced by various committees. The management has always welcomed the views and suggestions expressed

by the faculties in taking the institution ahead. The faculty at our school are involved in all of the following committees:

1. Governing Council

2. Academic Advisory Committee

3. IQAC

4. Department Committee

5. Student Council

6. Student Grievance Redressal Cell (Internal Complaint Committee)

7. Women Empowerment & Anti-Sexual Harassment Cell

8. Anti-Ragging committee

9. Library Committee

10. Alumni Association

11. Hostel Committee

12. Canteen & Transport Committee

13. Sports & Cultural Committee

14. Discipline Committee

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://www.technonjr.org/wp-content/uploads/2021/10/organization-structure-min-2-1-2048x1311.jpg
Upload any additional information	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance	A. All of the above

and Accounts Student Admission and Support Examination	

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

6.3 - Faculty Empowerment Strategies

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

The institution is taking many welfare measures for all the teaching & non-teaching staff as they are the backbone of the institution. A few of the welfare measures are listed below:

- **Free bus facilities for the staff members from all parts of Udaipur.**

- **Free accommodation for bachelor faculty inside the campus.**

- **Free medical checkup for teaching and non-teaching including covid-19 tests and vaccination.**

- **Financial assistance to meet emergency medical expenses of staff & family members.**

- **Medical leaves for the hospitalized staff members.**

- The short term advance interest-free loan for housing and personal needs Free tea, coffee, milk Gym facility Yoga facility, ESIC protection (medical and others) for staff having salaries below Rs 15000.

- Maternity leave and other benefits for the staff members.

- Medical leaves.

- Support for higher education, certifications, training,

attending conferences Free mobile facility for all staff members.

- Research papers and patents sponsorship. Faculty membership sponsorship of professional societies.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	View File

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

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

11

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

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

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

4

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

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

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

27

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

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

The institution has a performance appraisal system for teaching staff based on the following factors:

- Subjects taken

- Weekly load

- Student feedback on teaching and punctuality

- Higher education / FDP / Certifications done

- Industry Project execution

- Results of students based on subjects taught

- Research papers / books / book chapters

Similarly, the institution has a performance appraisal system for non-teaching staff which takes into account the following factors:

- For laboratories:

- Maintaining equipment

- Receiving student feedback

- Enhancing skills by training and other means

- Projects done by self and students

- For other departments (Accounts / Administration):

- Sincerity

- Punctuality

- Honesty

- Completion of work in time

- Minimum mistakes and correction promptness

- Behavior with students and faculties

File Description	Documents
Paste link for additional information	https://iqac.technonjr.org/aqar/2021-22/part-b/6.3.5/
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The Institute has a strong financial system that has been designed in accordance with the guidelines of the "Report on Implementation of Accounting Standards in Educational Institutions" by the Ministry of Human Resource Development. This financial system includes:

1. Ledger/register maintenance for: fees collection, caution money, funds, scholarship, inventory, departmental registers, hostel, buses, laboratory/workshop.

2. Following all accounting standards.

3. Limited cash purchases.

4. All statutory requirements met.

5. Fees charged in line with state fees committee recommendations.

6. 85% of surplus funds reinvested.

One of the trustees of the institute is a Chartered Accountant and heads the internal audit committee which conducts internal audits in line with the Technical Guide on Internal Audit of Educational Institutions.

The accounting issues are usually resolved by the committee. In case there are issues raised by the external auditors, the Institute Director, who is also the Managing trustee of the foundation, will call a meeting which is attended by the Accounts head and Department heads. They will then provide satisfactory

explanations to the objections raised by the auditors. After that, the Institute Director and Accounts head will meet with the external auditors to provide satisfactory explanations to their queries. 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	NIL
Upload any additional information	View File

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

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

0

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

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

Techno India NJR Institute of Technology 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.

The Institute has been mostly self-funded and is without any Financial institutional liabilities and has been able to absorb the impact of lesser admissions in the last 2 years which has been a nationwide trend. The Institute has also created FD's of Rs. around 2 crores to meet any contingencies. Interest earned out of these FD's are also used for the institute activities.

As regards mobilization of funds, the institute has created few revenue generating activities which include conducting exams for NTA, AICTE and private parties. This activity has generated Rs. 520711during the year. The Institute is also using its resources to provide paid training to the members of local Chamber of commerce which resulted in revenue of Rs. 46000 during the year.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) of Techno India NJR Institute of Technology Udaipur is focused on improving the quality of teaching and learning by monitoring and assessing the teaching-learning process. During the COVID-19 pandemic, the IQAC has focused on research in the area of health informatics and has published 13 research papers on the topic. To address the shortage of ventilators, the institute has collaborated with PARC and Clear pack to design new ventilators. All courses are mapped with Course Outcomes, Program Outcomes, and Program Specific Outcomes and the attainment calculation has been done for Computer Science and Engineering. The IQAC is involved in enhancing the infrastructure for online courses through a subscription to zoom, setup of a digital studio and a Blended Classroom Proposal with Impartus Innovation (upGrad Campus). The institute also has a strong association with Udaipur Chamber of Commerce & Industry (UCCI) and has supported UCCI in several initiatives such as providing IT readiness program, oxygen concentrator machines to government hospitals and district administration, and plantation in various RIICO industrial areas.

File Description	Documents
Paste link for additional information	http://iqac.technonjr.org/aqar/2021-22/part-b/Reports/
Upload any additional information	View File

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

The Institute's IQAC is improving through various activities, including:

1. Medical informatics research has been prioritized due to the Covid-19 pandemic, with faculty and students actively participating and some pursuing PhDs in this field.
2. The institute developed low-cost ventilators in collaboration with Clearpack and PARC in response to the shortage of ventilators during Covid-19.
3. Students have been trained in emerging fields such as Full Stack Development, NVIDIA Deep Learning, Data Science, IBM Cloud Application Development, and Google Cloud Educator to meet market needs.
4. Other branches are implementingBloom's Taxonomy into their course content mapping (CO-PO).
5. The IQAC has proposed setting up online course infrastructure, including a subscription to Zoom, a digital studio, and a blended classroom solution with Impartus Innovation (UpGrad Campus), approved by the Governing Council in response to the Covid-19 situation.

File Description	Documents
Paste link for additional information	http://iqac.technonjr.org/aqar/2021-22/part-b/Reports/
Upload any additional information	View File

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

File Description	Documents
Paste web link of Annual reports of Institution	http://iqac.technonjr.org/aqar/2021-22/part-b/Reports/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The Institute is committed to promoting gender equity through education and empowerment of women. By providing a safe and supportive environment, the institute has seen a positive trend in the enrollment of female students. The institute has implemented various gender-positive initiatives, such as the Women Empowerment Cell and the Internal Complaint Committee, to ensure the well-being and equality of female students and staff. The anti-ragging committee is always vigilant to prevent any cases of ragging and the institute has a specific committee to address the concerns and complaints of female students and staff. The institute uses secret monitoring services for campus safety and has separate timings for girls to use the gym. The counseling center aims to support students in their academic, emotional, social, and cognitive development, and also provides guidance to parents and teachers. The institute is continuously working to improve the counseling center and address the common reasons why students seek counselling.

File Description	Documents
Annual gender sensitization action plan	https://iqac.technonjr.org/aqar/2021-22/part-b/7.1.1/1_Annual Gender Sensitization Plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://iqac.technonjr.org/aqar/2021-22/part-b/7.1.1/2 Specific Facilities.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above

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

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

To manage solid waste, we have installed different types of containers throughout the campus. Two organic waste containers for plastic waste have been installed near both the canteens and workshop areas to collect the plastics and one Vermicompost container has been fixed at the parking area to cover up all the organic wastes. For liquid waste management, the institute has an efficient mechanism for conducting the disposal of wastewater into a pit for recharging the groundwater. The pit is located behind the open canteen and pipelines from all bathrooms, kitchen, and washing areas discharge into it. The biomedical waste and hazardous waste room is situated away from the main building, behind the canteens. The collection is related to biohazardous wastes and is cleaned regularly on the basis of the quantity it holds. The institute has an e-waste management room on the top floor that is maintained by the IT staff. The institute's waste recycling system is effective in recycling materials. The

Institute has adopted the mechanism of segregation of organic waste and plastic waste at the location of generation. Different types of waste containers have been installed throughout the campus

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	https://iqac.technonjr.org/aqar/202021/partb/Supportings/7.1.3/
Any other relevant information	**No File Uploaded**

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus — **A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: — **A. Any 4 or All of the above**

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

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Any other relevant documents	**No File Uploaded**

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

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

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above

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

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e.,

tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The college promotes a moral and ethical atmosphere by organizing activities that foster cultural, spiritual and ethical values. This includes celebrating commemorative days, cultural and regional festivals, motivational lectures, and farewell parties for graduating students. To build a sense of unity and social harmony, the college celebrates well-known holidays such as New Year's Day and Teacher's Day, as well as religious rituals. An annual Inter College Techfest, Techjalsa, is also organized, attracting students from 150+ engineering colleges and expected to have a footfall of 2000-3000 students. The fresher's party is an event organized by upperclassmen to foster communication and camaraderie between the different year levels.

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

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

The Institute is engaged in the following activities:

1. **Blood Donation: The Institute prioritizes enhancing teacher competencies and embracing social responsibility. It holds Blood Donation Camps to promote humanity, save lives in emergencies, ensure an adequate supply of blood, support critical patients, and dispel myths about blood donation.**
2. **Teaching in nearby government schools.**
3. **Plantation.**
4. **Distributing food packets to nearby village residents during the Covid-19 pandemic.**
5. **Providing a free R.O. water plant to nearby village residents.**

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

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

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

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

The Institute celebrates Republic Day, Independence Day, Constitution Day and International Yoga Celebration Day every year, as well as other holidays like Holi, Dhanteras, and Janmashtami. The institute is committed to promoting ethics and values amongst students and faculty. The institute organises National festivals, as well as anniversaries for great Indian personalities.

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

A) Value Added Training

1. Title: Value-added, Industry-Oriented Training Programs
2. Objectives: To increase students' employability in response to industry demands
3. Context: Institute follows university curriculum but lacks responsiveness to industry needs
4. Practice: Offering training modules in communication and technical skills to improve students' success in recruitment drives
5. Evidence of Success: Improved success rate in aptitude and technical tests
6. Problems & Resources: Time constraints for faculty and students, finding the right agency, and financial strain for students.

B) Research Activities

1. Title: Research Activities Imparted by the Institute
2. Objectives: To create a healthy research atmosphere
3. Context: Faculty and students involved in research activities
4. Practice: Research helps faculty in doctoral/postdoctoral work and teaching, and helps students in innovation and long-term studies/careers
5. Evidence of Success: 13 research papers published, faculty elected as Fellows, 03 international patents, visiting professorships, and serving as PhD thesis examiners.

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. In order to maintain these standards, the institute conducts the following activities on a 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 assessment of each student's progress through examinations, assignments, industrial visits, and presentations.

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

1. **Introduction of new courses and monitoring of quality assurance/enhancement activities to meet changing needs of stakeholders.**

2. **Improving infrastructure by making repairs and providing facilities like canteen, kiosk, additional lecture rooms and online resources.**

3. **Automating office administration and supporting staff benefits.**

4. **Encouraging research-oriented environment and improving teaching and learning process.**

5. **Providing education to deserving students and organizing informal education programs.**

6. **Focusing on job-oriented and skill-based courses, cleanliness, scholarships, campus placements and promoting sports and cultural activities.**