



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

Part A	
Data of the Institution	
1.Name of the Institution	Narula Institute of Technology
• Name of the Head of the institution	Prof.(Dr.) ?Soumen Banerjee
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	03325637777
• Alternate phone No.	03325638888
• Mobile No. (Principal)	9433035580
• Registered e-mail ID (Principal)	principal_nit@jisgroup.org
• Address	81, Nilgunj Road, Agarpara Kolkata -700 109, West Bengal, India
• City/Town	Kolkata
• State/UT	West Bengal
• Pin Code	700109
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	29/07/2015
• Type of Institution	Co-education
• Location	Urban

• Financial Status	Self-financing
• Name of the IQAC Co-ordinator/Director	Dr. Susmita Karan
• Phone No.	03325637777
• Mobile No:	9433786992
• IQAC e-mail ID	iqac_nit@jisgroup.org
3.Website address (Web link of the AQAR (Previous Academic Year))	https://www.nit.ac.in/pdf/AQAR2020-2021.pdf
4.Was the Academic Calendar prepared for that year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.nit.ac.in/pdf/Academic%20Calendar%20(Odd%20&%20Even)%202021-22.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.43	2014	10/12/2014	31/12/2020
Cycle 2	A	3.22	2022	08/03/2023	07/03/2027

6.Date of Establishment of IQAC**03/01/2012****7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?**

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Electronics and Communication Engineering Department	NBA Accreditation of UG - Electronics & Communication Engineering Program in	NBA, India	01/07/2022	NA

	Tier I			
Electrical Engineering department	NBA Accreditation of UG -Electrical Engineering Program in Tier I	NBA, India	01/07/2022	NA
Civil Engineering Department	NBA Accreditation of UG -Civil Engineering Program in Tier I	NBA, India	01/07/2022	NA
Information Technology Department	NBA Accreditation of UG - Information Technology Program in Tier I	NBA, India	01/07/2022	NA
Computer Science and Engineering Department	NBA Accreditation of UG - Computer Science and Engineering Program in Tier I	NBA, India	01/07/2023	NA
Mechanical Engineering Department	NBA Accreditation of UG - Mechanical Engineering Program in Tier I	NBA, India	01/07/2023	NA
Sharmistha Basu & Dr. Sarbani Ganguly, Dept. of	Scheme for Promoting Interest, Creativity and Ethics	AICTE	25/05/2022	Rs 1,00,000/-

BSHU, Narula Institute of Technology	among Students (SPICES)			
Dr. Tapan Mukherjee, Dept. of BSHU, Narula Institute of Technology	Theoretical and Experimental Studies on few body exotic and atomic systems under confinement conditions	DAE	06/10/2021	Rs 21,89,850/-
Narula Institute of Technology	MHRD grant for Mentor Mentee Scheme	AICTE, MIC	09/12/2021	Rs 2,25,000/-
Narula Institute of Technology	ISGP Program II	Govt. of West Bengal	23/07/2021	Rs 2,40,000/-
Soumen Pal, Dept. of ECE, Narula Institute of Technology	ISTE Refresher Programme on Recent trends in Signal Processing	AICTE & ISTE	20/09/2021	Rs 93,000/-
Dr. Biman Mukherjee, Dept. of CE, Narula Institute of Technology	Atal Tunnel visit under YUVAK scheme	AICTE	19/08/2021	Rs 2,00,000/-

8. Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File	
9.No. of IQAC meetings held during the year	4	

<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>1. Currently focusing on enhancing and updating video lectures for all courses. 2. IQAC provided valuable assistance in preparing and submitting PG SAR to NBA for M. Tech programs in CSE, ECE, Structural Engineering (CE), and Power System (EE). 3. Successfully completed the preparation and submission of IIQA for the upcoming NAAC accreditation cycle -2. 4. Completion of the SSR for the NAAC accreditation cycle -2. 5. IQAC played a crucial role in revising and implementing the Curriculum Revision 2021 (R21), making a significant impact on the education system. the programs M. Tech - CSE, ECE, Structural Engineering (CE), Power System (EE), 3. Preparation and submission of IIQA for the NAAC accreditation in cycle -2 4. Preparation of SSR or the NAAC accreditation in cycle -2. 5. IQAC has made a significant contribution to the revision and implementation of Curriculum - Curriculum Revision 2021 (R21)</p>		
12. Plan of action chalked out by IQAC at 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	
Preparation of e-Resources	(a) Development and up gradation of video lecture of all courses (b) Continuation of FTP server for the remote access of e- book and e-journals (c) Procurement of J Gate database for the benefit of students and faculty	
NBA Accreditation of UG Program	(A) The Accreditation Status for	

	<p>the four UG Engineering programs, namely i.UG - Electronics & Communication Engineering, ii. UG - Electrical Engineering, iii. UG - Civil Engineering & iv. UG - Information Technology have been decided by NBA from the AY - 2022-23 to 2024-25 i.e. upto 30/06/2025. (B) The Accreditation Status for the two other UG Engineering programs namely, v. UG - Computer Science & Engineering & vi. UG- Mechanical Engineering have been decided by NBA from the AY - 2023-24 to 2025-26 i.e. upto 30/06/2026.</p>
NAAC accreditation for Cycle-2	Autonomy renewed.
Autonomy renewal	Application for the renewal of autonomous status has been submitted
Revision of Autonomy Curriculum	Revised autonomy curriculum under regulation R21 has been published for the implementation from the academic session 2021-22
Online end semester examination due to pandemic situation	Online end semester examination conducted successfully
Code of conduct to attend college during pandemic situation	Implementation of rules and code of conduct for employees during attending college regarding the pandemic situation
Awareness programme to protect COVID-19	Awareness programmes to protect COVID19 pandemic are conducted for student, staff, faculty and local society
13. Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name of the statutory body	Date of meeting(s)
Board of Governor (BOG)	25/09/2021
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	
Year	Date of Submission
2021-22	15/02/2023
15. Multidisciplinary / interdisciplinary	
<p>The institute demonstrates a comprehensive comprehension of the vision outlined in the National Education Policy, which aims to provide exceptional education with the objective of fostering the growth and development of human capital within our nation, thereby cultivating individuals who possess the knowledge and skills necessary to thrive as global citizens. During the faculty meeting, the core principles of the New Education Policy (NEP) were deliberated upon by the academic staff. These principles encompassed the inclusion of diverse content and teaching methods across all academic disciplines, the integration of technological advancements to enhance the teaching and learning process, the promotion of logical decision-making and innovative practises, as well as the cultivation of critical thinking skills and creativity among students. The institution established novel interdisciplinary units in response to the NEP, which serve as platforms for collaboration among various departments, augmenting the existing inter- and multidisciplinary research and academic endeavours. Academic programmes are now offering elective courses that encompass both multidisciplinary and interdisciplinary approaches. All academic programmes are structured to provide students with a high degree of autonomy in choosing elective courses across different fields, including but not limited to machine learning and cloud computing, robotics, and green technology. The Institute is actively engaged in putting efforts to implement the National Education Policy (NEP) in true spirit.</p>	
16. Academic bank of credits (ABC):	
The institute has started looking into this aspect, although it has	

not been implemented formally. Despite being an autonomous institute with the prerogative of developing its own curriculum, it has to follow the guidelines of the affiliating university, Maulana Abul Kalam Azad University of Technology, West Bengal (MAKAUT). The institute has been waiting for the University's guidelines for the implementation of ABC. However, the institute agrees in principle with the ABC.

17.Skill development:

AICTE has introduced a Skill Development (SD) Cell to train youth by providing them skills through AICTE approved Colleges with the objective for enhancing their Employment/Self-Employment opportunities. NiT is one of the institute to implement this concept to implement its own skill development strategy. In support of "Start-Up Policy for Technical Institutions", institute has started the start-up initiatives and good numbers of students and faculty members are engaged with start-up activity to develop, launch, and commercialize their top-skill and motivate the students to bring out their latent spirit of Entrepreneurship. MoU has been signed with the agency enlisted under start-up India and many more are in order. Aptitude and Soft skill trainings are conducted from Training and Placement cell in support of employability enhancement. The institute implemented a policy of Beyond Curriculum training realizing the importance and the necessity for developing skills among students, and creating work ready manpower on a large scale. This newly adopted curriculum and the training imparted will help the program aspirants. NiT aims to provide quality education combining class room centered formal education and training with experience sharing of Industry practitioners and internships in business houses. The focus is towards integrated knowledge acquisition and upgrading human skill towards creating a new league of employable youth. Teaching and training methodology of courses offered under NiT are designed accordingly as per the requirements of Industry 4.0 by introducing Intellectual property right and Entrepreneurship and Innovation skill.

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

Appropriate integration of Indian Knowledge system (teaching in Indian Language, and culture, using online courses): NIT promotes the study of the Indian knowledge system through compulsory courses like "Essence of Indian Knowledge Tradition" and "Constitution of India" in its curriculum. Webinars and seminars are organized to enrich stakeholders' traditional knowledge and foster an

understanding of cultural values. Moreover, NIT emphasizes Values & Ethics in the B.Tech curriculum, imparting cultural values from the Indian tradition to enable engineering students to embrace value-oriented principles in their professional endeavors.

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

NIT is dedicated to providing outcome-based education, designing all its programs to meet regional and global requirements. Outcome-based education at NIT encompasses clear Program Outcomes, course outcomes, and Program Specific Outcomes. Bloom's Taxonomy is integrated into course design, encompassing various levels of cognitive skills from remembering to creating. In addition to domain-specific skills, the learning outcomes also focus on social awareness, ethics, and entrepreneurial skills, encouraging students to actively contribute to the nation's economic, environmental, and social well-being. The Program Educational Objectives (PEO) are aligned with the institute's Vision and Mission, while Course Objectives (COs) follow the PO-PSO philosophy. Furthermore, NIT's course syllabus has been thoughtfully crafted to embrace a more holistic and multidisciplinary approach, reflecting the spirit of the National Education Policy (NEP). This comprehensive approach ensures that NIT graduates are well-prepared to face real-world challenges and make meaningful contributions to society and the nation's progress.

20.Distance education/online education:

As a result of the COVID-19 pandemic, educational institutions across the country are increasingly relying on digital platform to engage students,organize conferences, and hold meetings. Leaving aside the disadvantages of lack of face-to-face learning, online education has broken down geographical barriers, allowing professionals and students from different parts of the world to engage. The liberalization of the economy, including that of educational institutions, has prepared the door for the adoption of a hybrid method of instruction using a learning management system (LMS) that combines online and offline resources. This can be thought of as the new normal, which is also envisioned in the New Education Policy. Access to online resources for instructors and students will no longer be a constraint, thanks to the experience learned during Covid-19's closing period.

Extended Profile

1.Programme

1.1

16

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 **3301**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **788**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **3200**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 **929**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 **234**

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1	16
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1	3301
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File

2.2	788
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	3200
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1	929
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	234
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Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	View File	
3.3	234	
Number of sanctioned posts for the year:		
4.Institution		
4.1	250	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	65	
Total number of Classrooms and Seminar halls		
4.3	950	
Total number of computers on campus for academic purposes		
4.4	1402.17	
Total expenditure, excluding salary, during the year (INR in Lakhs):		

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum development process at the institute is guided by various factors, including guidelines from regulatory bodies, industry and R&D sector requirements, benchmarking with renowned universities and institutes in India and abroad, feedback from major stakeholders, current technological advancements, and societal demands. Currently, the institute offers 12 programs, including B. Tech. in CSE, ECE, EE, EIE, IT, ME, CE, and M. Tech. in Power System (EE), Structural Engineering (SE), Geotechnical Engineering (GTE), Computer Science & Engineering (CSE),

Communication Engineering (ECE), and MCA.

Since 2021, the institute has introduced three new B. Tech. programs - CSBS, CSE (AIML), CST, and one additional M. Tech. program - Geostructural Engineering (GTE).

The regulations governing the B. Tech. programs include R15 (MAKAUT), R16, R18, and R21 (current). For the M. Tech. programs, the regulations are R15 (MAKAUT), R16, R18 (for SE), R19 (for CSE), and R21 (current). For MCA, the regulations are R15 (MAKAUT), R16, and R20.

The curriculum design emphasizes employability, entrepreneurship, and skill development, with elective subjects available in all running programs. Moreover, the institute integrates courses related to Professional Ethics, Gender, Human Values, Environment, and Sustainability into the curriculum. Students are required to undertake internships, field projects, or normal projects during their four-year B. Tech. journey. Regular feedback is collected from stakeholders, analyzed by the IQAC cell, and appropriate actions are taken based on the feedback received. Additionally, value-added courses are conducted during semester breaks to further enhance the students' knowledge and skills.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.nit.ac.in/pdf/nit-naac/aqar_2022/1.1.1_supporting%20doc.pdf

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

16

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

320

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	View File

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year**

407

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

16

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Courses those address the Gender The outcomeattempts to recognize our desire to understand our psychological, social, economic, and politicalresponsibilities. Knowledge and understanding of the differences in roles and relationships between women and men, particularly in theworkplace: it is crucial to continuously promote gender awareness and understanding among government officials and, by extension, the general public.

Courses based on Environment and Sustainability Environmental Science is extremely necessary because it relates to where we live andhow we share resources with all other species on Earth. The study of the coursesenlightens students with the knowledge of how to conserve natural resources and howto stop the degradation of those resources by implementing safety precautions andraising human awareness. Environmental studies will aid an engineer in findingenvironmentally responsible solutions to environmental problems.

Courses based on Human Values and Professional Ethics

Human Values and Professional Ethics seeks to educate students on the significanceof human values and various theories of self-development in order to mould them intoeffective, humane professionals. In addition to imparting knowledge about humanvalues and professional ethics that should shape the conduct of the engineeringprofession, this course aims to shape the conduct of its students.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

23

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above**3559**

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects**1143**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.nit.ac.in/pdf/feed-2021-22.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.nit.ac.in/pdf/feed-2021-22.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile****2.1.1 - Enrolment of Students****2.1.1.1 - Number of students admitted (year-wise) during the year**

1102

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

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

210

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 students' learning levels and organises special programmes for both slow and advanced learners.

The following strategies are adopted to identify the slow learners and advanced learners:

- The institution organizes a common assessment/diagnostic test on physics, chemistry, mathematics and English for freshers. Based on the result of assessment test and +12 results, the slow learners and advanced learners are identified.

- The slow learners and advanced learners are identified by the concerned faculty based on their class response, respective slot test marks, class assignments etc.

Strategies for slow learners

- Remedial and Doubt clearing classes are conducted to solve the Question papers and doubts.

- The institute has strong mentor-mentee scheme and the mentor gives

academic and personal counseling.

- Bilingual explanation is imparted after the class hours for their better understanding of the concepts.

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Strategies for advanced learners

- Students are encouraged to participate in different Seminars/ Conferences, co-curricular activities

- Department conducts two-week long special training sessions on advance technologies as per industry requirements.

- Students are encouraged to enroll in MOOC Courses for advanced subjects and registration fees for that is provided by the institute if required.

- The academic achievements of the students are encouraged through award ceremonies.

- Special classes for the preparation of GATE exam are provided.

- 'Idea-O-Meter' is introduced to find the next generation entrepreneur.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
02/08/2021	3301	234

File Description	Documents
Upload 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:

Faculty strives to implement best possible way to engage students in teaching so that teaching actually happens some of the ways are Experiential learning methods, participative learning and problem solving methodologies.

Experiential learning methods: Practical approach with theoretical knowledge is the necessity to quality learns of every field. Experimental learning focuses on workshop, laboratories, Project as well as virtual laboratories of knowledge and skills to real-world experiences to further increase learner's knowledge and develop competence in skills and behaviors.

Participative learning methods: Apart from traditional chalk and talk, the power point presentations are used through ICT tool like; projector, smart board etc. in the classrooms. Pedagogical Techniques like; Think-Pair-Share, Peer Learning, Predict-Observe-Explain, Gaming methods and model presentation etc. are implemented in the class rooms.

Problem solving methods: Students enrich the problem solving ability through tutorial classes, software base laboratories courses and readiness of competitive examination through the practice of MCQ etc. The students are also trained the technical paper writing to inclined interested student towards research.

Collaborative efforts with the industry personnel for enhancing the learning levels of the graduates like; project work. Different modern tool, like MOOCs, Moodle are used for enhancing the learnability of students.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.nit.ac.in/pdf/nit-naac/agar_2022/2.3.1%20Sample%20Teaching%20learning%20method.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The faculty of Institute use all the ICT enabled tools completely including online resources for effective teaching and learning process. General ICT Tools are Used by faculty are: Desktop and laptops, Projector, Smart board, tablets, Scanners, Microphones, interactive white board and CDs, Flash discs etc.

The faculty at NIT use various ICT enabled tools to enhance the quality of teaching-learning like LMS, Virtual labs.

To teach mathematical subjects in online mode, faculty have used various online tools like-whiteboard in Microsoft teams, Jamboard in Google meet, Graphic tablet etc.

The faculty conducts classes through Smart Interactive Flat Panel, which is aMulti Touch Devicewith 4K Resolution, Inbuilt Speakers, Gesture Annotation. Faculty regularly conducts online tests through MyPerfectice platform- It is an online learning platform and it allow the students to take test anytime-anywhere.

E Content-

The faculty uses NPTEL, Coursera and different Swayam Courses in their presentations as references.

The faculty uses and also refers to the e content at the Library which has IEEE ASSP (e-journal), access to National Digital Library of India and British Council Library, a collection of more than 2000+ E-books from renowned publishers, which are accessible through FTP server with remote access facility.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.nit.ac.in/pdf/nit-naac/agar_2022/2.3.2%20List%20of%20ICT%20enabled%20tools.pdf
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

149

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic Calendar:

The institute prepares its Academic Calendar in adherence to the guidelines of the Regulatory bodies incorporating curricular activities, additional courses, events and co-curricular activities for the UG and PG programs. Each academic year is divided into two semesters. Academic calendar covers all important dates for students and faculty such as start and end day of a semester, slot for Beyond Curriculum Training, mid term examinations, exam form filling, final examinations, holidays, industrial training/internship during Semester breaks, vacation period, foundation day of the institute, date of Degree Award Ceremony, sports, cultural activity etc. This enables the students and faculty to be well prepared, minimize their chances of academic loss and take full advantage of the flexibility provided by the credit system.

The academic calendar is displayed on institute website (<https://nit.ac.in/academic-calendar.php>) and all the department notice boards.

Teaching Plans: Department Academic Committee meeting is conducted by the Heads of the departments with their respective faculty well in-advance of commencement of the semester for allocation of subjects. Every faculty prepares the academic teaching plan of the course content, spread over the allotted lecture hours, to ensure a uniform pace of teaching, which is approved by HOD.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

234

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

61

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1523

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

15

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

15

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

IT Integration:

Starting from the academic year 2020-21, our institution has successfully implemented an efficient and streamlined evaluation process through an online examination management system. Particularly during the even semesters, we have transitioned to conducting the semester examinations using secure drive links. On the examination day, students gain access to downloadable question

paper links, while a master sheet containing these links is made available on the NIT website one day prior to the examination. To ensure confidentiality, each subject's question paper is password-protected, with passwords only disclosed to students 10 minutes before the examination begins.

To submit their answers, students are required to compile them into a single PDF file, which they can conveniently upload to a drive link hosted on our central server. This process ensures a seamless and organized flow of evaluation material.

Regarding Continuous Internal Assessment (CIA), student performance is evaluated using a well-balanced approach:

Class Test and Slot Test carry 15 marks

Assignment & Quiz contribute 10 marks

Attendance holds a weightage of 5 marks.

In 2021, we successfully conducted two slot tests using our Learning Management System (LMS) within specific periods as communicated by the Chief Officer of Examinations (COE). To maintain integrity, question papers for these slot tests were sent via email to the controller and assistant controller before the commencement of the examination.

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

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The efficacy of the teaching-learning process relies on analysing the attainment of Programme Outcomes (POs) recommended by NBA, based on clearly defined Course Outcomes (COs) for each academic course. The institute ensures appropriate determination and dissemination of COs in line with the objectives of Outcome Based Education (OBE).

POs are broad statements describing professional accomplishments

expected upon program completion, incorporating interrelated knowledge, skills, and traits acquired through curricular courses. COs directly state the expected competencies gained after completing a course, formulated by course coordinators in consultation with concerned faculty members.

In the department's BOS meeting, the syllabus with clear CO specifications is discussed with external experts for approval before forwarding it to the Academic Council. The departmental syllabus committee ensures inclusion of COs and respective CO-PO correlation matrix, formulated using Bloom's Taxonomy action verbs and distributed from basic understanding to advanced problem-solving levels.

A correlation scale of 1 to 3 is established between COs and POs for computation of PO attainment. Departments maintain course files with CO details and their correlation with POs, reviewed during academic sessions to ensure expected PO achievement.

POs/PSOs are guaranteed through publication on the institution's website, along with the soft copy of syllabi for easy reference. Course coordinators communicate COs to students at the course's start, while first-year students learn about POs/PSOs during orientation. These outcomes are displayed prominently within the department for public viewing.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The attainment of Program Outcomes (POs) is assessed through direct and indirect assessment methods. Direct assessment involves evaluating students' competency in Course Outcomes (COs) through exams, assignments, and quizzes. CO-Attainment Levels are computed based on the percentage of students achieving certain scores. The PO's attainment level is determined using the CO-Attainment Levels and CO-PO correlation mapping.

Indirect assessment strategies include Student Exit Surveys,

Employer Surveys, and Alumni Surveys, collecting opinion ratings for perceived attainment levels of POs. The Indirect Attainment Level of a PO is calculated based on these feedbacks.

The final PO Attainment Score is obtained by taking a weighted average of Direct PO Attainment Level and Indirect PO Attainment Level. If a PO fails to reach the target attainment value, an action plan is developed for remedial measures.

Final PO Attainment Score (%) = (80% weightage) x (Direct PO Attainment Level) + (20% weightage) x (Indirect PO Attainment Level).

Sample of CO-PO Attainment

B.Tech - CSE - 2016-2020 Batch

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

788

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.nit.ac.in/pdf/nit-naac/agar_2022/2.6.3-Annual%20Report%20for%20Link.pdf

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://www.nit.ac.in/pdf/nit-naac/aqar_2022/2.7.1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Research being Institution's major thrust area, has been emphasized since 2012 by creating the Research & Development (R&D) cell which was further strengthened by creating research policy in 2015 and approved by Board of Governors under agenda no 8 dated 27.08.2015, followed by subsequent amendments in the year 2016, 2017, 2018 and 2019. The R&D policy is focused to promote research, funding and systematic monitoring of research works. The Research Policy was laid down bearing in mind the necessity of promoting the research environment and culture amidst the faculty members which is available in the website www.nit.ac.in and copies in central library and departmental library for easy access to faculties. All faculty members follow the R&D policy to establish a research environment in the institute. The Research & Development initiatives aim to build research attitude for faculty. The progress of faculty members doing Ph.D. and ongoing funded projects are discussed. Research and innovation are promoted among students by revising the undergraduate course curriculum in the year 2018 where a mini-project has been introduced from the very first year. The institute emphasises to promote collaborative research work and multidisciplinary research work has been one of the major thrust areas of this committee.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.nit.ac.in/pdf/R&D%20Policy%20N iT.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)**8.42**

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year**2**

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)****163.74**

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

24

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nit.ac.in/pdf/nit-naac/agar_2022/3.2.1,%203.2.2,%203.2.4_Supporting%20documents.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

4

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

8

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.nit.ac.in/pdf/nit-naac/agar_2022/3.2.1,%203.2.2,%203.2.4_Supporting%20documents.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

1. The Institute is recognised in the band "PERFORMER" under the category "Colleges/Institutes (Private / Self Financed) (Technical)" in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India, 29th December 2021.
 2. Innovation Ambassador training was completed by the faculty organised by MIC, GoI.
 3. The Institute is Recognised as Host Institute (HI) for implementation of the Incubation component under MSME Innovative Scheme (MSME Champion scheme) by MSME.
 4. The Institute is awarded 4 star rating in the IIC academic calendar 2021-22 by Ministry of Education, MoE's Innovation Council and in top 10 institutes in Eastern region.
 5. Students participated in the grand finale of the Smart India Hackathon 2021 and 5 teams were selected for the grand Finale, out of which team Resonance22 has won the Third Prize in Smart India Hackathon 2022.
 6. The Institute was selected as mentor institute for the 5 institutes for Knowledge sharing, resource mobilization to setup a startup ecosystem in these 5 institutes.
 - NIT Durgapur
 - Greater Kolkata College of Engineering and Management
 - Swami Vivekananda Institute of Science and Technology
 - Regent Education and Research Foundation Group of Institutions
 - St. Thomas' College of Engineering and Technology
- A grant of Rs. 2.25 lakh received from MIC, AICTE GoI for implementing the mentor mentee scheme.
- 25 activities were conducted to promote the startup and innovation ecosystem in these institutes like orientation session for faculty, IIC activities for student, support for ARIIA, NISP, I&E Training.
7. Students submitted their ideas , prototypes, and business plan on the Yukti portal.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nit.ac.in/pdf/nit-naac/aqar_2022/3.2.1,%203.2.2,%203.2.4_Supporting%20documents.pdf

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

33

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

5

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

119

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

209

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nit.ac.in/pdf/nit-naac/agar_2022/3.4.4_Supporting%20documents.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

169

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

11

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

50.74

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

6.31

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The holistic development of the students is one of the integral concerns of the Institute. The mindset to work for the betterment of the neighbourhood community and society is being nurtured through the mandatory noncredit course of NSS and extended activities for Mandatory Additional requirements (MAR) (100 marks). To instill the socialistic approach, the National Service Scheme (NSS), an initiative by the Ministry of Youth Affairs and Sports, Government of India, is considered mandatory. Several social works like tree plantation, NGO visits, distribution of handmade paper bags as an alternative to plastic bags to the commoners, mass distribution of masks and sanitizers in the dark hours of the pandemic and some other steps are taken to aid society under the scheme of NSS as follows:

1. Swachh Bharat Abhiyan
2. Blood Donation Camps
3. Plantation Programmes
4. AIDS Awareness Programmes
5. World Water Conservation Day
6. World Tobacco Prohibition Day

7.Special Programmes Related to Health and Hygiene among students in surrounding community people.

8.Women Empowerment Programmes etc.

Under the initiative of Unnat Bharat Abhiyan, by the Ministry of Education, the institute has extended its activities to five different villages in an attempt to bring about the light of socio-economic upliftment of the families.

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

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

6

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

27

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1933

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

50

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

7

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

The institute has made a tireless effort to ensure adequate availability and optimal utilization of physical infrastructure for smooth conduction of teaching learning activities within a well maintained lush green campus. It imparts adequate infrastructure in alignment with the regulatory norms as listed below.

- 57 ICT-enabled ergonomically designed classrooms are offered by the Institute.
- The institute constitutes of 8 seminar halls and one conference room with ample seating capacity.
- The institute constantly makes sincere endeavours to ensure laboratories quality for UG and PG by adhering the specifications of regulatory body.
- There are 1010 active PCs with the latest i7/i5/i3/Core2Duo, 16GB/8GB/4GB/2GB DDR4 RAM hardware features are available throughout the campus.
- Institute provides uninterrupted network services with 1 Gbps internet bandwidth. The Wi-fi enabled campus with 24/7 internet connection facilities having adequate band-width for conducting live sessions.
- The institute has five digital studios having the facility for recording and projection with audio visual system. The institute also has a dedicated language lab equipped with the most advanced AV System and ISIL software.

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

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

Participating in extracurricular activities make the students do well in their academics, since they learn discipline, time management, scheduling which leads to a better learning process. The institute tries to provide the best of facilities for these. Some of them are as follows:

- The institute has 2 multipurpose rooms each of 278 sq. m area with 400 seating capacity for cultural activities. Institute proclaims to have 2 common rooms with capacity of 60 each and open space with a capacity of 100 for cultural activities.
- A specific Yoga room of 278 sq. m area with 40 accommodating capacity is available.
- At the outset, the institute is having sufficient, adequate and varied facilities available to sustain the diverse indoor and outdoor activities. The institute has multipurpose ground having area of over 3685 Sq. m.

- There are one modern Gymnasium with the latest equipment to maintain body fitness for the use of students and teachers. The area of the gymnasium is 69 sq. m.
- Institution also has a dedicated sound proof auditorium of 278 sq. m with 400 seating capacity.

File Description	Documents
Geotagged pictures	View File
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

65

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

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

349.23

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Yes, Library is automated using the Integrated Library Management System.

- Name of the ILMS software: # LIBMAN
- Nature of automation (fully or partially): Partially Automated
- Version : 5.3
- Year of automation: 2017

LIBMAN Software is supporting the workflow of the Automated Library by comprising of seven modules. These modules are as follows-

1. Master
2. Cataloguing
3. Circulation
4. Serial Control
5. Utility
6. Query
7. Reports

Different sub modules are present to assist the library Housekeeping jobs smoothly and these sub modules are continuously upgraded as per requirements.

Web OPAC

Institutional OPAC can be searched to check available status of books through the URL

<http://122.252.249.26:92/forms/frmdashboard.aspx#> .

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

**4.2.2 - Institution has access to the following:
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources**

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

28.81

File Description	Documents
Audited statements of accounts	View File
Any additional information	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 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

372

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Initiatives implemented for upgrading IT facilities:

The institute has embraced an effective ICT policy relating to security and user services. Infrastructure is regularly upgraded to provide IT requirements which include Internet/Wi-Fi /Storage/Security/Smart classroom up to date.

- A constant bandwidth of 1 Gbps is being provided by the

institute during 2021-2022 academic year.

- The institute has effectively and periodically marched on from a handful of Wi-Fi hotspots to a robust and seamless Wi-Fi campus with 25 number of access points.
- The Institute has 980 numbers of working computers.
- NIT is secured by a formidable 300E Fortigate UTM
- The entire campus is covered by over 305 numbers of CCTV cameras which provide 24x7 surveillance with 15 days' backup facility.
- The institute has handsome number of ICT enabled classrooms with overhead projectors with another 8 projectors being added in the previous financial year.
- Institute currently has 3 biometric sensor machines for its finger-print attendance.

It is equipped with a dedicated Server Room with 7 high-end Servers. The whole IT infrastructure is being maintained through this Server Room.

The institute has a firewall security device that monitors incoming and outgoing network tracking and permits and blocks data packets based on security alert.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3301	950

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 250 Mbps

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

4.3.4 - Institution has facilities for e-content development:
Facilities available for e-content development
Media Centre
Audio-Visual Centre
Lecture Capturing System (LCS)
Mixing equipments and software for editing

B. Any three of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

79.98

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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

The Institute has established system & procedures for maintaining and utilizing physical, academic, and support facilities as follows:

1. The institute has Standard Operating Procedures (SOP) for maintaining and utilizing physical, academic, and support facilities.

2. The institute deputed a civil supervisor and admin executive for the inspection of the Institute building.
3. Regular peer vigilance is being conducted through physical and digital modes.
4. Annual Maintenance Contracts are followed by the institute.
5. Repairs of the various items are done by trained personnel.
6. Recurring training is being provided to faculty and staff members for performing high-end equipment.
7. The institute conducts preventive maintenance to reduce breakdown.
8. Calibration of the laboratory equipment is done regularly.
9. The institute maintains its cleanliness and hygienic gradation by sufficient housekeeping staff.

Utilization

- Classroom allotments are done by the timetable committee.
- Laboratories allotments are done by the respective HOD.
- Seminar halls booking is made by HOD.
- The auditorium booking is made through the "Registrar section".
- Students can avail of the college bus facilities through enlisting their names to admin executive as per the availability.
- The sports materials and ground allotments are done by the sports-in-charge as per the availability.

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 benefitted by scholarships and freeships provided by the Government during the year

814	
File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

196	
File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://www.nit.ac.in/student-centric-programs.php
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

2729	

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 adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above
---	----------------------------

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

700

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

5.2.2 - Number of outgoing students progressing to higher education

23

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

9

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

7

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Formation of the Student Council

The Student Council is formed on the month of July and gets dissolved every year on the month of April. The students are invited to join the clubs of their own choice (per student can

join only two clubs) during the month of June .The registration to the clubs are done online and the portfolios are nominated by the college authority.

Vision: to develop leadership qualities and make the students socially responsible.

Mission: Assisting the students' innovativeness & activities related to various technological and non- technological oriented projects to enhance their hidden talent and creativity.

Structure of the student Council:

- President(HOI)
- Advisory body(comprising of all the HODs, Registrar, Deans)
- Club Heads(Faculty mentor(s))
- Secretaries of the different clubs(students from the final year)
- Asst. Secretary of the different clubs(students from pre-final year)
- General Members of the clubs

Our college aims at the all-round development of students by organizing several extracurricular activities throughout the year which are organized by the various clubs under the Student Council at the college campus. There is a steady growth in students' participation at various levels through these Clubs where they demonstrate their skills and talents in different fields.

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution

18

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The NiT Alumni Association was established and registered under the Societies Registration Act 21 of 1860, formed to build an actively engaged alumni network during the year 2006-2007 with a Registration No S/1L/41814.

The institute has a working website (<https://www.nit.ac.in/alumni/>), a Facebook page (<https://www.facebook.com/NITAlumni>), and an official Whatsapp group for the alumni interaction.

The alumni member contributes significantly to the development of the institution in following ways:-

Academic contribution:

NiT Alumni Association organizes special training programs like Training program, Seminar and webinar on Basic Electronics, Embedded systems, PLC, SCADA & PCB Design, Modern technologies. In addition to this, the association also provides feedback from the industry at various platforms, like international conferences, seminars, industry conclaves, industry visits, etc. The Alumni contribute to the curriculum modernization and design process. The BOS includes alumni representatives from industry, and academia as departmental alumni nominees.

Placement contribution:

Besides this, NiT is also linked with their Alumni through the official What's app group and social media to extract the linkage of industries and reputed universities for higher education.. Alumni have a separate portal on the Institution's website as Narula Institute of Technology Alumni Platform - Our Life. Our

College. Our Way. (nit.ac.in)

Extra-curricular activities:

Every year Alumni members actively participate in extracurricular activities like blood donation camps, cricket, football match, and cultural programs.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nit.ac.in/pdf/nit-naac/aqar_2022/Alumni%202021-22_Event%20report.pdf

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

The Institution excels in academics for over two decades due to the continuous review and improvement of quality policies under the effective leadership bodies of BOG, Academic Council, BOS, IQAC along with Principal, Registrar, HODs, faculty etc. The efficient leadership of the Management helps to achieve the Vision, Mission and Quality Policy of the institute reflected through a host of innovative activities like teaching-learning, creation of state of art infrastructure, placement and in organizing several other activities.

The BOG comprises a team of academicians, professionals and philanthropists whose sole motto is to serve the society with national/international standards of quality education.

Therefore, through effective leadership the governance of the institute targets the attainment of the Vision, Mission and Quality Policy.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nit.ac.in/pdf/nit-naac/aqar_2022/KRA%206.1.1.pdf

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Effective governance for continuous and sustained growth and enhancement of quality in an educational institution demands certain unique management strategies which are not only democratic and consultative in nature, but also participative by all stakeholders.

v Both management and leadership, not only focus on to the stated vision and mission, but dynamically evolve ways and means to attain the set goals through a transparent involvement of all stakeholders.

v Certain salient strategies were centred around academic freedom, decentralized academic administration, sustainable audit and accountability through inbuilt feedback systems from all stakeholders such as the students, parents, alumni, department audit committees etc.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.nit.ac.in/pdf/nit-naac/aqar_2022/6.1.2%20write%20up.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Response: The Institute way back in the year 2020 vide BOG agenda no.10 dated 23th August 2020 conceptualized the following Strategic/Perspective plan for quality enhancement:

i) Target in Ranking and accreditation:

- NAAC A+ grade by 2021QS Rating-5 STAR for the institute by 2022 and 5 STAR for any department by 2023.
- NBA-accreditation of all UG and PG programs by 2022
- NIRF ranking: Top 150 institute by 2021and within Top 100 institute by 2023.

ii) Fostering research culture in faculty and students.

iii) Empowering Human Resource Management.

iv) Strengthening Industry Collaboration.

v) Improving student outcomes.

vi) Restructuring and upgrading need-based Curriculum.

Above initiatives were launched on war-footing in subsequent years with an eye on year-marked milestones. However, due to several impediments the expectation was achieved shortly.

The activity successfully implemented based on the strategic plan:

Amid the pandemic, we embraced online education, necessitating a digital study platform accessible to students in remote areas. Since 2020, our collaborative work focused on creating such a platform via an FTP server. It enables faculties and students to access a vast array of study materials, including books, journals, lab demo videos, and training resources using individual user IDs.

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 various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

Way of the Institute's functioning follows the concept of Decentralization. The delegation of power and authority herein

proved to be a very successful and effective administrative system.

The revised 2021 ORGANOGRAM further enhances rational distribution of responsibility heads.

STATUTORY COMMITTEE MEETING FREQUENCIES:

Statutory committee

Responsibility

Frequency of the meeting/year

BOG

Establish institute's role, mission, and strategic plan.

Four

ACADEMIC COUNCIL

Ensure education standards, teaching, training, research, coordination, and exams.

Twice

BOS

Responsibilities include course content framing, updates, new course's introduction, CO/PO mapping, attainment level review.

Twice

FINANCE

Monitor Institute's Finance and Budget

Twice

IQAC

Develop a quality system for academic and administrative improvement.

Four

The institute had received its service rule in the year 2018. Recruitments are made following the eligibility criteria prescribed by the statutory bodies.

Annual increment is given to staff members on the basis of performance appraisal through analysis of self-appraisal form and feedback from various stakeholders. Awards and recognition are given to the faculty for contribution in R&D activity.

The faculty and staff submit their application for consideration under Career Advancement Scheme of the Institute and the same is processed as per the Promotional Policy of the Institute.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.nit.ac.in/organogram.php
Upload any additional information	View File
Paste link for additional Information	Nil

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The Institute acknowledges its employees & provides a caring and supportive working environment to all staff which enables them to develop and optimize their full potential. Welfare measures taken towards the staff reflects on the output and selfless contribution

towards tremendous growth of any Institution. In our Institution Staff welfare is given foremost importance. In connection with this, Existing welfare measure for teaching and non-teaching staff are itemised below:

Health insurance, Medical Leave & Maternity leave for eligible staff members, Earned Leave (for eligible faculty members), EPF , Study Leave to name a few.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.nit.ac.in/pdf/nit-naac/aqar_2022/6.3.1_Service%20Rule.pdf

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

232

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

41

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

198

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The internal audit and statutory audit by professional chartered firms is conducted in the Institute. Over the years it is being carried out regularly and no serious financial irregularity has ever been reported.

Internal audit checks all transactions and the compliance level across the hierarchy and accuracy and authentication in terms of accounting slandered and commercial laws of financial transactions. Regulatory compliances along with monitoring of tax liabilities was conducted by. DPC & Associates, Cost Accountants, FRN No. 001147, 3 Kapalitala Lane, 1st Floor Kolkata 700012, for the current year 2021-2022. Their reports were submitted regularly to the Finance Committee of the Institute for review.

M/s. Bandyopadhyay Associates, Chartered Accountants of 350(370/06) is the statutory auditor of the institute. They conduct the audit to give a true and fair view of the state of affairs and whether the financial statements are free from material misstatement at the year end.

The external auditors also review the status of procedural and transactional compliance in all financial transactions of the Institute mainly conducted through ERP.

In the history of the Institute there has not been a single occasion when the statutory auditors pointed out qualifications and other irregularities in the Balance Sheet.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

7.59

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The Institute derives its funds primarily from student fees, hostel fees, project funds, and contributions from the Trust for infrastructural development and regular activities. Despite student fees being the main revenue source, the total funds generated are often insufficient to meet growing demands. To address this, the Finance Committee actively seeks additional resources through sponsored research funds, entrepreneurship development programs, and other funding mechanisms.

The Institute employs systematic budgetary control to allocate its funds effectively. The funds are used for various purposes, including infrastructure development, laboratory setup and equipment procurement, staff salaries and benefits, library resources, laboratory consumables, academic and physical support, seminars, workshops, hostel maintenance, recurring expenses, and financial assistance for faculty, staff, and students attending conferences or engaging in research. Scholarships and stipends are also provided to deserving students based on financial need and merit. The Institute ensures prudent financial management, adhering to administrative sanctions, minimizing the risk of fraud and embezzlement, and following standard purchasing procedure.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals. It is meant for planning, guiding and maintaining Quality Assurance and Quality Enhancement activities of the institution. Since inception, it has ensured enhancement and coordination among various activities of the institution and institutionalizes all good practices. It is a mechanism to build and ensure a quality culture at the institute. IQAC conducts quarterly meetings to evaluate, monitor and set future quality goals in academic/administrative functions. It is also aimed at identifying the practical problems faced in the community and creating suitable products, solutions and services.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC aims at domain specific action research leading to

innovations, incubation and entrepreneurship. The body facilitates Digitization of Teaching-Learning Process that includes creating updated LMS contents, ensuring quality and utilization, using LMS as an assessment tool.

Few of the initiatives for improvement of teaching-learning process includes introduction of LMS, MOOCS, soft skill training, coding and project competitions (Hackathon, Ideathan) and establishment of student chapters with professional bodies, conduction of webinars, workshops and training program. It also boosts emphasis on research activities of faculties by linking their research contributions with the appraisal system.

It helps in facilitating Outcome Based Education by mapping of CO-PO & CO-PSO, preparing CO mapped question papers, and assessing CO based PO & PSO Attainment

IQAC cell prepares its audit report at the end of academic year based on the data collected from various cells and the IQAC coordinator convenes meetings for detail discussion seeking participation of the representatives from the Departments, Controller of Examination section, Training & Placement Cell, Research & Development Cell, Alumni Cell, Academic Council and any other concerned members like the Registrar and the Principal of the institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.nit.ac.in/pdf/nit-naac/aqar_2022/6.5.2%20Additional%20document.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state,

A. Any 4 or all of the above

national or international agencies (such as ISO Certification)	
File Description	Documents
Paste the web link of annual reports of the Institution	https://www.nit.ac.in/pdf/nit-naac/agar_2022/6.5.3%20Link%20Presentation%20Page.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded
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	
<p>Measures initiated by the Institution for the promotion of gender equity during the last five year</p> <p>The Institute gives special emphasis on the promotion of gender equity in the campus, cutting across administrative and academic levels. The institute aspires to foster optimum academic output from all its students, cutting across gender boundaries. Steps are taken to ensure that students safely move around in the college campus at all times, especially during their late college hours for practical classes. Students are sensitized at all levels through awareness programs, campaigns, street -plays, workshops on gender equality etc. organised by Institute throughout the year in ensuring the students to understand the value of gender dignity as well as equality.</p> <p>Number of gender equity promotion programs organized by the institution during the last five years are as follows:</p> <p>Number of gender equity promotion programs organized by the institution year-wise during 2021 - 2022</p> <p>Year</p>	

2021 -2022

No. of program Conducted

3

(a) Safety and Security:

(b) Counselling:

(c) Common Rooms:

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

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

B. Any 3 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Solid waste management: The institute strictly maintains the waste segregation rules, laid by the government in new solid waste management Rules. All solid wastes from college and hostel are segregated at source and disposed properly. Green/Blue/yellow colour dustbins for biodegradable waste and red colour dustbins for non-biodegradable waste are placed in every floor along with laboratories, common rooms, wash rooms etc.

E-Waste management:

The E-Waste/scraps are selected, tabulated and then catalogued for systematic quoting procedures from a minimum of 3

qualified/certified recyclers. Then a CSQ with recommendation is forwarded to the NIT's Internal E-Waste committee by the System Administrator. Then each recycler is interviewed and a uniform yearly price negotiation takes place for selection of the most competent vendor/recycler. The items are then audited by the selected auditor along with the NIT's internal designated auditor (normally the team of System Administrator, Stores Manager and Accounts Officer). The recycler then awards the Green certificate in recognition of the institute's green initiative.

Waste recycling system

As per the new solid waste management Rules, laid by the government it has been advised that the biodegradable waste should be processed, treated and disposed of through composting or bio-methanation within the premises of the institute.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

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

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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

B. Any 3 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	View File
Any other relevant information	View File

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres
Disabled-friendly washrooms Signage**

A. Any 4 or all of the above

including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	No File Uploaded
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, socio-economic and other diversities (within a maximum of 200 words).

As a Sikh school, the college has based its efforts to be inclusive on the ideas of equality. The institute hosts "Community Kitchens" called Langars during Gurupurab every year.

Since the students participate in cultural programmes in their mother languages to commemorate Bhasha Divas, or International Mother-language Day, every year, the institute is linguistically inclusive. This is a fantastic demonstration of our regional inclusion, demonstrating how the institution fosters a welcoming environment with speakers of languages from practically every region of our unique nation. The institute's celebration of Rabindra Jayanti and Bijoya Sammilani, which is a sign of an inclusive cultural marker. The Institute freely invites all employees and students to participate in religious celebrations including Diwali, Durga Puja, Eid, Saraswati Puja, Vishwakarma Puja, Christmas Eve, etc.

In addition to the mix of regional students and the local student body, the institute also welcomes a number of international students. We have students from all sections of this country, including the far south like the Andaman and Nicobar Islands, as well as international students from China and Bangladesh.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:	
<p>The institution inculcates Constitutional values within the students. The highlights of such activities conducted by the institute are as follows-</p> <p>Every year on November 26th, the Institute commemorates Samvidhan Divas to honour and teach its students about the nation's greatest champion of democratic rights. The day is dedicated comprehending the basic and fundamental law as well as a living document, analysing the constitution's preamble, and determining the fundamental principles embodied therein. Every year on this day, the Institute hosts oath-taking ceremonies, seminars, and webinars.</p> <p>From the second year on, values and ethics in the workplace are a crucial component of the curriculum for the students. The key components of professional and personal ethics, values, and rights that one must study in order to become a contributing member of society are covered in this section of their curriculum.</p>	
File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded
7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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	A. All of the above

staff Annual awareness programmes on the Code of Conduct are organized

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 programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

National and international commemorative days, events are organized by the institution. It is a well-known fact that an education institution has a great responsibility to civilize their wards and this happens when students learn about the culture, heritage and history of the place they live in. The students of this institute are striving to create a better India by challenging the norms of caste and religion. Some commemorative days are observed by students to learn from remembering, the other days have a symbolic status and through the discourses and activities planned for the day the students take part in discussing their thoughts and ideas. Observing the different days of significance in any way helps to create a space for students to reflect without fear of being judged, shamed or ridiculed. The exhibitions and programs held on these days sow the seeds of great Indian heroes into the minds of the youngsters. The institution follows a pluralist approach to all religious activities and invites the students and teachers to demonstrate the same. Every year, our institute celebrates the National festivals and birth/death anniversary of the prominent Indian personalities.

EVENTS AND FESTIVALS

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

The seamless platform independent online activity regarding innovative initiative taken by the institute is the 'Online Academic Resource Portal' by the respected faculties. In this practice, the faculties prepare the power point presentation according to the syllabus of the subjects to be taught in the coming semester. All important and recent information are covered in these lectures. These are recorded using different types of video recording mode and uploaded in the portal for future sharing to the students. Assignments, Quizzes, short tests could also be incorporated in the portal. The lectures are compact and very much helpful for the students to get the overview of the particular topics of the subjects before starting the class. It is also helpful for the examination preparation & doubt clearing process for the students.

File Description	Documents
Best practices in the Institutional website	https://www.nit.ac.in/pdf/nit-naac/aqar_2022/7.2.1_Best%20Practices%20in%20the%20Institutional%20Website_21-22.pdf
Any other relevant information	https://www.nit.ac.in/pdf/nit-naac/aqar_2022/7.2.1_Link%20Document.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

As per the guideline of Government of India under the slogan 'Make In India', the institute is trying to promote Start-up India. Lot of activities are planned under this scheme to promote, motivate and guide not only our students but also the alumni, faculty and the budding entrepreneurs across the society. To achieve this and to support the budding entrepreneurs the institute has taken initiatives by having tie-ups with local, state and national level industry and government organisations. Some of the major initiatives are establishment of Institution Innovation Cell (IIC) under MHRD, the Technology Business Incubator by MSME as a host institute. The institute has established a system called Idea-O-Meter where projects are invited from students, faculty, staff and alumni. A team of experts evaluate the projects after going through series of discussions and then it is funded in-house or through external agencies. Besides this institute is awarded 4 star rating in IIC academic calendar 2021-22 by Ministry of Education Innovation Council, the maximum star rating for the academic year 2021-22 and in the top 10 institutes in Eastern India.

File Description	Documents
Appropriate link in the institutional website	https://www.nit.ac.in/incubation/
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

•NBA accreditation of all UG and PG programs

•International accreditation/ Ranking:

QS Rating-

a) To achieve 5 STAR for institute

•NIRF

a) Within top 100 Engineering

- 100% of the faculty to be awarded with PhD degree by 2025.
- All of the faculty from each department should have at least two publication in SCI/SCOPUS/WoS

?Development of Library materials in Physical and online form.

?More number of Subscription of E-Journal & E-books to meet the clientele needs.

?Library infrastructure development.

Organization of

- FDP, STTP, Workshop, seminar on IPR related programme.

- Outreach programme by each department

?Number of MOU with industries to be increased.

?Industry internship and special educational tour for students to be conducted more frequently.

?Industry sponsored Lab to be developed.

More opportunity to create for International exposure of students.

- More Industry oriented Training for the students