



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution		NRI INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr.C.Naga Bhaskar	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone No. of the Principal	08662469665	
• Alternate phone No.	9390686868	
• Mobile No. (Principal)	8333882444	
• Registered e-mail ID (Principal)	nrihitech@rediffmail.com	
• Address	Pothavarapadu(V)	
• City/Town	via Nunna, Agiripalli(M), Vijayawada Rural	
• State/UT	Andhra Pradesh	
• Pin Code	521212	
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)	10/07/2018	
• Type of Institution	Co-education	
• Location	Rural	

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Mr.R.Vijay Krishna				
• Phone No.	8331942954				
• Mobile No:	8331942954				
• IQAC e-mail ID	iqac@nriit.edu.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	http://nriit.edu.in/iqac/aqar/				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://nriit.edu.in/iqac/academic-calendars/				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.21	2017	19/07/2017	31/12/2023
6.Date of Establishment of IQAC			20/12/2012		
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
Dr. K Venkata Samba Siva Rao	Grant for Organising Conference	AICTE, New Delhi	19/04/2021	2.55
Dr P Rama Koteswara Rao	Grant for Organising Conference	AICTE, New Delhi	19/04/2021	2.55
Dr. K Venkata Samba Siva Rao	AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES 2021-22	ISTE-AICTE, New Delhi	17/09/2021	0.93
Dr. D. Suneetha	Research Promotion Scheme	AICTE, New Delhi	27/01/2022	6.64
Dr. K Venkata Samba Siva Rao	International Conference	Science Engineering Research board, New Delhi	02/03/2022	1
Dr P Rama Koteswara Rao	Technical Intervention Project under UBA 2.0	MHRD-UBA	16/05/2022	1

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	2	
<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)	
Review of 2nd year curriculum for all B.Tech Program under R20 regulations and get it approved by respective Board of Studies of various disciplines. Utmost care is exercised in designing the curriculum and content of various subjects to suit the industry requirement.	
Encouraged faculty members and students to take NPTEL online courses for enhancement of knowledge in their respective domains. 638 candidates registered for various courses in the academic year and 364 candidates cleared the examination.	
Encouraged faculty members of various departments to attend the faculty development programs on various topics related to them both online and off line. 114 faculty members attended the FDPs in the academic year.	
Completed the required documentation and applied to NBA for extension of Accreditation of three B.Tech programs for three more years.	
Successfully completed the Re-certification audit for extension of ISO certification and awarded the extension.	
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
To improve entrepreneurial activities	Achieved 2 star rating by IIC
To conduct audits	ISO Recertification
To conduct more academic seminars/workshops	Activities were organised by the departments
13. Was the AQAR placed before the statutory	No

body?					
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <tr> <td>Name of the statutory body</td> <td>Date of meeting(s)</td> </tr> <tr> <td>Academic Council</td> <td>09/12/2022</td> </tr> </table>		Name of the statutory body	Date of meeting(s)	Academic Council	09/12/2022
Name of the statutory body	Date of meeting(s)				
Academic Council	09/12/2022				
14. Was the institutional data submitted to AISHE ?	Yes				
<ul style="list-style-type: none"> Year 					
<table border="1"> <tr> <td>Year</td> <td>Date of Submission</td> </tr> <tr> <td>2021-2022</td> <td>28/12/2022</td> </tr> </table>		Year	Date of Submission	2021-2022	28/12/2022
Year	Date of Submission				
2021-2022	28/12/2022				
15. Multidisciplinary / interdisciplinary					
<ul style="list-style-type: none"> The institution has the infrastructure necessary for a multidisciplinary or interdisciplinary approach to curriculum development or modifications. As an "Autonomous" Institution, NRIIT offers a variety of multidisciplinary subjects and "Open Electives." In addition to degrees specific to each discipline, the institution also grants MINOR Degrees in other fields. The Institution is ready to launch new multidisciplinary programmes with the approval of the approving authorities and input from all stakeholders. At every stage of the programme, students are constantly encouraged to adopt a multidisciplinary approach to learning, creative thinking, and critical analysis. In the years to come, efforts will be made to develop into a "multidisciplinary institution." The teaching-learning relationship must be strengthened further to support interdisciplinary and multidisciplinary educational practices. 					

- Additional emphasis will be placed on adopting best practices in a "multidisciplinary" approach.
- The gradual conversion of single-stream academic programmes to multidisciplinary programmes shall be pursued.
- The students will be encouraged to choose the subjects of their choice in accordance with the requirements that will guarantee their employability.
- Bridge courses and value-added courses are required to support interdisciplinary and multidisciplinary education.
- Through "curricular revisions," a flexible curriculum structure will be created to allow for original subject combinations that result in "multidisciplinary" and "interdisciplinary" programmes at both the undergraduate and graduate levels.
- To complete their project work, the students are encouraged to take on multidisciplinary "real-world" problems.
- The institute keeps on a pace with the development that has taken place in the engineering/ technological education in the country
- Faculty members encourage students to seek out-of-the-box solutions for difficult engineering problems.
- Student clubs run a variety of events at the institute, bringing together students from various departments to plan various educational activities.
- Thus, a Civil Engineering student collaborates with students from Electronics and Communication Engineering, Computer Science and Engineering, etc. when writing computer programming code. Multidisciplinary education's seeds are thus planted.
- Conventional practice like modification of syllabi takes place regularly.
- Application orientation in teaching adds multi-disciplinarily in the subjects.
- New courses are introduced as the global market and demand change. As a result, in 2021-2022, the institute will launch new programmes like Computer Science and Engineering (Artificial

Intelligence and Machine Learning) and Computer Science and Engineering (Data Science).

- Departmental seminars, conferences, and special talks at the college level give students a deeper understanding of other academic fields so they can be exposed to more information.

- Our institution is collaborating with the university experts to create the syllabi for new courses that have been approved for implementation beginning with the academic year 2022-2023 in tandem with the NEP-2020.

- NEP seeks to develop students' potential by providing a comprehensive, multidisciplinary education. NRI Institute of Technology (Autonomous), Agiripalli is prepared to integrate its curriculum with NEP - 2020.

- The teaching learning pedagogy adopted in this institution ensures amalgamation of intellectual, scientific, emotional, social and cultural development among its students.

- All graduates take four audit courses, one each on environmental studies, research methodology, intellectual property rights, and Indian ethos and values, in addition to the standard credit-based courses.

- NSS, relevant clubs, and college committees all play a crucial role in educating students about environmental, social, and health issues through their social service programmes.

- The institution is excited to offer a flexible multidisciplinary curriculum that allows for multiple entry points and exits. The implementation of the aforementioned provision would be followed after the state government's instructions.

- To address the issues and challenges faced by the society, collaborative research projects are being undertaken involving faculty, students, government agencies, NGOs, and different departments. These programmes help young people develop their capacity to become responsible citizens.

16.Academic bank of credits (ABC):

- The institute has started looking into this aspect although it has not implemented formally.

- Although the institute is autonomous, it is affiliated to the JNTUK, Kakinada and is bound by the rules of the University.
- The institute has been waiting for the University's implementation of ABC.
- The institute agrees in principle with the ABC.
- Under the prescribed curriculum being taught currently, there are credits assigned to papers which are not transferable
- With the upcoming implementation of NEP, students the institution will create a bank of credit which will be transferable and interdisciplinary and multidisciplinary in nature, Students will also have multiple entry exit options as per their requirements.
- An 'Academic Bank of Credit' (ABC) that stores credit gained by the student 'digitally' shall be initiated in consultation with the 'statutory bodies'.
- Our institution shall make necessary arrangement and amendments in the academic system.
- The institution is planning to have a dedicated system to promote effective management of 'Academic Bank of Credits'.
- Efforts shall be made to recognize, transfer and redemption of credits gained by the students appropriately.
- Since the 'ABC' promotes academic credit banking, transfer and redemption within the MEE framework, it is expected to integrate multiple disciplines/ programs/courses of higher learning.
- In the framework of Multiple Entry & Exit in to the programs, ABC shall be made to endorses significant autonomy to the students in providing choices of the courses in the selected program of study and course options across many higher education disciplines and HEIs.
- Efforts shall be made towards identification of 'Credits' requirement to award certificates, diplomas and degrees.
- There shall be a system to help the students to track the 'credit' earning progressively.
- Being aware that the Higher education institutions having

Grade A from the National Assessment and Accreditation Council (NAAC)

- Efforts shall be channelized to register in the ABC, as the Institution has secured a minimum score of 675 from the National Board of Accreditation (NBA) for at least three programmes viz., CSE, ECE & EEE.
- As per the guidelines of HECI, credits, and transcripts shall be recognized by the Institution as a part of the consortium on the ABC.
- Efforts shall be made to allow the students from different streams to take up courses in other disciplines, wherever applicable, with the help of bridge courses.
- Since the ABC helps in integrating skills into a choice-based credit system by providing wide-ranging options for choosing courses from several institutions, the institution shall make necessary arrangement to support the same.
- The Institution shall adhere to the guidelines of University Grants Commission - Establishment and Operation of Academic Bank of Credits in Higher Education Regulations, 2021 in this regard.
- The Institution shall recognize the following in consultation with the statutory bodies
- The institution has MoU with several other institutions for collaborative ventures and it is looking forward towards internationalization of education and joint degrees between Indian and foreign institutions.
- Students are encouraged to enroll and successfully complete courses through online platforms such as Swayam, Coursera etc. to enrich their learning experience. Currently, they can earn extra credits through activities such as NSS, NCC, sports and fine arts.

17.Skill development:

- To address the skills mismatch, the Institution has taken up initiatives as envisaged in NEP-2020 towards skill development for the students.

- The Institution is strengthening the curriculum with adequate skill development content in R20 regulations.
- The faculty members are encouraged to follow the 'Train the Trainer' model for their skill development. Adequate funds are allotted to provide the financial support for this program.
- The institution is closely working with Andhra Pradesh State Council for Higher Education and Andhra Pradesh State Skill Development Corporation for skill development among the students and faculty members.
- The institution is a Mentee institution and signed MOU with VR Siddhardha Engineering College, Vijayawada under AICTE Margadarshan programme.
- The Institution is offering training, skilling, up-skilling and re-skilling for the students on rolls and neighboring students/unemployed youth.
- The Institution is making necessary arrangements to provide skill development for college drop-outs and unemployed youth through short term courses that fetch employment to them.
- The Institution is procuring training infrastructure in the selected areas to provide skill development for the students.
- The institution is making efforts to apply for 'fund' to prospective funding agencies to support skill development.
- In collaboration with industry, the institution is making efforts to organize skill development program and related activities that benefit the students.
- The institution is made mandatory internships to all the students by incorporating in its course structure in view to enhance skill sets in all students.

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

- The Institute is committed to uphold the value of Indian Knowledge system, Indian culture and heritage.
- In view of the NEP-2020 vision on teaching-learning in the Indian languages, the institution started in mother tongue. NRI

Institute of Technology is the only institute which has started B.Tech (CSE-Telugu Medium) in both Andhra Pradesh and Telangana states in the year 2021-2022.

- The institute commemorates Mothers day, women's day, Environment day, Engineer's day, Teachers Day, and Yoga Day as an act of reverence towards Indian culture and heritage.
- Faculty members are free to provide the classroom delivery in bilingual mode (English and Telugu) as students tend to understand better if taught in their mother tongue.
- The B.Tech (CSE-Telugu Medium) graduate students are allowed to study either in education Telugu or English as per their choice during the bachelor's program.
- The promotion of Indian languages, and traditions is also facilitated through competitions organized during the annual day celebrations.
- The institute has constructed SAIBABA'S temple in its premises and conducts all major Indian Festivals. Students and faculty participate in large in the celebrations.
- Competitions such as essay writing, poetry, speech competition, folk song, folk dance and skit encourage students to stay connected with their rich Indian culture and heritage
- Encouraging this sort of skill in languages will only ever benefit the student.
- The institution offers students an opportunity to learn foreign languages, viz., French, German and Japanese languages.
- Since these efforts shall endorse the students with 'self-esteem', there shall be initiations to teach the part of the course in the local languages.
- However, the importance of communication in 'English' shall not be discouraged because of the nature of working environment for the engineering graduate demanding the same.
- The teaching-learning in local language shall be considered as an opportunity to curtail 'dropouts' from early stages of the program duration.

- The ability to express the views, ideas, thoughts, opinions, etc., by the student shall be addressed with a mix of English and Telugu.
- The novel approach of 'multidisciplinary-multilingual' shall be adopted wherever deemed fit.
- It is our responsibility to preserve these cultures & languages and learn them as best as we can, and the institution shall put the efforts in this direction.
- The Institute has introduced a compulsory course named 'Indian ethics and values' at the undergraduate level.
- The institute organizes various orientation activities for all the students and gives impetus to the students to take part in a variety of cultural and scientific programmes.
- Other than creating engineers, the goal of the institute is to make good Indian Citizens and the Institute claims to have started this process at the advent of the 21st century when the idea of NEP was perhaps not conceived of.
- It is claimed that the institute has never lost sight of its Indianness while thinking globally and imparting state-of-the-art technological education to the students.

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

- National Board of Accreditation became a permanent signatory in Washington Accord during the year 2014. Since then Outcome Based Education accelerated in higher education institutions offering engineering education.

Outcome-Based Education (OBE) is a pedagogical model that entails the restructuring of curriculum, pedagogy and assessment practices to reflect the achievement of high-order learning, as opposed to a mere accumulation of course credits.

- While the traditional education system focuses on what is taught, OBE places emphasis on what is learned, which is a student-centric model.

The institution believes in quality education to its students and hence it immediately focused on OBE.

- IQAC organized multiple faculty development programmes on Outcome based Education (OBE)
- All the faculties of the college were trained in OBE.
- Based on the training, all courses were designed under OBE paradigm with Program Outcomes (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO) specified.
- During the student induction program, the students are given an orientation on Outcome Based Education paradigm; and the Program Outcomes are explained to the students.
- The curriculum clearly states Program Outcomes (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO) and teaching-learning pedagogy adapted at the institute ensures implementation of OBE to transform the youth in to responsible citizens.
- It enables the assessment of the students at cognitive levels namely remembering, understanding, applying, analyzing, evaluating and creating
- This clarity is further reflected in the quality of teaching and delivery, across divisions and departments, where faculty may adjust their focus more appropriately.
- Three Undergraduate programs on the institution was Accredited by NBA under Tier-ii. As the institution became autonomous, it is eligible for Accreditation under Tier-i. NBA has given an advise that all future programs are to be applied under Tier-I, as only institutions accredited under Tier-I will be covered under Washington Accord.

20.Distance education/online education:

- Sensing the need for the faculty up gradation and distance education and online education, the institution shall float modules that can be offered in distance education or online education.

In the present buoyant job environment, range of requirements for each employer is varying. The curriculum devised by the institutions may not meet complete requirements of the employer and hence, students need additional input to fill the gap. Distance education programs and online programs are filling these gaps. Students are encouraged and motivated to take additional courses

online in addition to the curriculum covered in the classes.

NPTEL, SWAYAM, DIKSHA, and other certification e-learning platforms, are the abundant sources of the content. All the students are being counseled to take the required additional courses through online. Required guidance is provided by the faculty members of the respective departments.

- To support digital learning, the institution is updating the necessary digital infrastructure and facilities. The institute is also registered as a SWAYAM-NPTEL local chapter.
- During the last couple of years, students of the institute have enrolled in more than 2000 various online courses, internships, and training programmes offered by the leading universities, institutes, and organizations of the world, such as SWAYAM, NPTEL, Coursera, Udemy, Internshala, LinkedIn Learning, etc.
- Institution is also realized the importance of faculty development in transforming the education to the next level. To provide the best inputs to students, faculty members need to upgrade themselves in the latest technologies from time to time. The institution is encouraging the faculty members to take the online courses of relevance by providing the necessary facilities.

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 3584

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 748

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **811**

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 **679**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 **200**

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 3584

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 748

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 811

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

3.1 679

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	200
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	200
Number of sanctioned posts for the year:	
4.Institution	
4.1	600
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	56
Total number of Classrooms and Seminar halls	
4.3	1296
Total number of computers on campus for academic purposes	
4.4	936.72
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.

Factors for Curriculum Design:

The Curriculum is designed to ensure that students gain not only the required domain knowledge but also appropriate skills and attitudes for being globally competitive and workforce-ready.

An effective implementation of this OBE methodology has ensured

that graduating engineers acquire all 12 POs as defined by NBA, to be competitive on global platform, with desired graduate attributes. Specific to every program, NRIIT has designed 3-5 PEOs that are measured through the performance of the alumni.

Institution regularly monitors attainments of COs, POs and PSOs of all programs and appropriate actions are taken based on identified weaknesses, through a well-structured Continuous and Comprehensive Evaluation mechanism, for accompanying need-based improvement.

Process of Curriculum Design:

- The Curriculum is submitted to the respective Boards of Studies where, in addition to senior faculty members, experts from industry, external academic experts and finalize the curricula.
- This curriculum is then placed to the Academic Council and Governing Body for scrutiny, suggestions and approval. The finally evolved curriculum is printed as the NRIIT syllabus and disseminated among various stakeholders, as also displayed on the institutional website.
- In the year the curriculums of the UG & PG programs have been revised in 2020.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	http://nriit.edu.in/academic-syllabus/

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

6

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

278

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	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

278

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

185

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

- In order to integrate the cross cutting issues relevant to Gender, Environment & Sustainability, Human Values and Professional Ethics, NRIIT has imbibed relevant courses into the curriculum. Apart from enhancing professional competencies these aim to inculcate general competencies viz., social values, human values, environment sensitivity and such others, thereby leading to a holistic development of students.
- The courses on Ethics, Human Values, Human Resources & Organizational Behaviour, and Environmental Studies are embedded in the curriculum of all UG programmes. Apart from this, community outreaches through NSS activities are encouraged.

1. Gender Sensitivity

Gender sensitivity and gender sensitization is accomplished by including boys and girls equally in all the committees of the Institution.

2. Human Values and Professional Ethics

A course related to human values "Professional Ethics and Human Values" is offered as an open elective to all the UG students to pursue at least once during their programme of study.

3. Environment studies

A course on Environmental Science is included in all UG programmes. In order to sensitize students about the environment and sustainability issues, a number of activities such as seminars, workshops, guest lectures, industry visits and field excursions were organized for students of all programmes.

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	No File Uploaded

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

during the year**16**

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**1728**

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**967**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

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	http://nriit.edu.in/igac/feedback-analysis/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
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	http://nriit.edu.in/igac/feedback-analysis/
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

968

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)

753

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 institution often employs well-thought-out multi-level tactics to deal with the challenges posed by a wide range of students' current skill sets. Students' performances on the qualifying test, the entrance exam, and the introduction training program given just after admission provide the first indications of their potential for learning. Faculty members have been training students throughout their coursework ever since, paying close attention to their individual requirements and making concerted efforts to eliminate any obstacles they may have encountered.

- The teaching staff, course coordinator, and head of department monitor students until the completion of the course based on their performance in the first round of internal examinations.
- Students who are behind are given customized treatment before or after class on specific days for each subject to improve their reading, writing, arithmetic, and speaking skills.
- Individualized support is provided for slow learners in order to help them catch up and perform better
- To improve their learning, slow students are partnered with high achievers

To support the advanced learners, college conducts /encourages

- Colleges support advanced students via coding contests, problem-solving training, campus-specific courses, and more.
- Enroll in advanced technology courses like NPTEL-MOOCs and APSSDC.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/igac/student-support/slow-advanced-learners/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2021	3584	200

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:

The teaching-learning process is one of our college's primary goals and its greatest strength. Experiential learning, participatory learning, and problem-solving techniques are effectively used to promote the holistic development of students and to support lifelong learning and knowledge management.

Participative Learning:

- Design/development of solutions: Through group analysis, brainstorming, etc., students strive to discover solutions for complicated engineering issues and design system components/processes that fulfill the defined demands of real-world scenarios.
- Students are encouraged and required to enroll in MOOCs (Massive Open Online Courses) given by the nation's preeminent schools. They include online courses, demonstrations.

Industry interaction and summer training

- Industrial / field trips, practical training / internships in industry and/or recognized universities are now required.

- Students' pre-employment training is enriched through industry-led initiatives and partnerships.
- Periodic guest talks by people from various organizations/industries on issues pertinent to employability skills.

Experiential learning:

- In the program, practical courses (laboratories) including virtual laboratories are required.
- Knowledge of the maintenance and repair of different laboratory equipment.
- Whenever possible, several learning strategies, such as problem-based, case-based, project-based, inquiry-based, computation-based, and cooperative (work- or community-based) are utilized.
- Innovative projects and mini-projects are encouraged for students.

File Description	Documents
Upload any additional information	View File
Link for additional Information	http://nriit.edu.in/igac/student-support/experiential-participative-learning/

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

The institution's whole faculty has accepted the use of ICT technologies for effective content delivery in the classroom in order to improve students' conceptual comprehension and problem-solving skills. ICT technologies supplement conventional teaching-learning techniques, and the institution is eager to provide creative ways to enhance the learning experience. The university possesses the necessary resources, such as an abundance of computers in engineering departments and the library, high-speed Internet access, and a student body and teachers proficient in ICT. Through in-house training sessions and/or faculty development programs administered by IITB, Mumbai, the faculty is educated in the effective use of tools. Teaching/Learning strategies consist of the use of ICT technologies for illustrations and special lectures, field research, case studies, project-based methods, experimental methods, flipped classroom sessions, etc.

Regular Practical Sessions, Access to Digital Library, Online Courses (MOOCs, NPTEL, etc.), Online Journals, Online Tests, Use of LCD Projectors for Seminars and Workshops, Productive Use of Educational Videos, and Accessibility of Non-Print Material for Students of Different Disciplines Support the ICT-enabled Teaching-Learning Process. Students are able to achieve competency in hearing, speaking, reading, and writing via the use of ICT-enabled communication training facilities.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://nriit.edu.in/infrastructure/
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

160

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

1. Academic calendar

The Institute Academic Committee (IAC) gathers department and section heads' action plans and forwards them to the Academic Council, which produces a well-organized academic schedule. It is printed, posted, and archived on the college's website. The calendar, which was made accessible to students prior to the start of class, includes:

- First and last day of instruction, internal and external test schedules, preparatory holidays for final exams, and vacation periods.

- The academic schedule is closely followed. In the event of unanticipated circumstances outside the institution's control, the authorities will make the required changes and post them on notice boards and websites.

2. Teaching Plan

Department heads have meetings with their respective professors well in advance of the beginning of the semester's course work and assign topics. A unit-by-unit teaching plan of the course material, distributed throughout the allowed lecture hours, is created to guarantee a consistent pace of instruction. Course coverage is checked every two weeks by the relevant HOD, and any variations are explained with the relevant faculty and supplementary classwork is organized.

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

200

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	No File Uploaded

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

43

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)

1217

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

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

19

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

31

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

1. The Institute has a system of continual assessment. Internal evaluations are undertaken in accordance with independent UG and PG norms. In addition, the student is continuously assessed by class Tests, Assignments, subjective exams, Objective Quiz tests, Seminars, viva voce, and end-of-semester final examinations.
2. The majority of actions involved with the administration of tests, grading, and publication of results include the use of information technology tools.
3. During counseling meetings, counselors provide parents with information on their children's internal grades and attendance.
4. In accordance with Bloom's taxonomy, subject-matter specialists design examination questions.
5. Examination cell also transmits attendance and grade data to parents through SMS and mobile app.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nriitexamcell.com/

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

Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are developed in strict accordance with the goals of Outcome-Based Education (OBE) by the department delivering the relevant program with teachers and stakeholders. After agreement is reached, the same are extensively disseminated

and advertised by different ways, including the display and/or communication methods.

- Website
- Curriculum /regulations books
- Class rooms
- Department Notice Boards
- Laboratories
- Student Induction Programs
- Meetings/ Interactions with employers
- Parent meet
- Faculty meetings
- Alumni meetings
- Library

Program Outcomes (POs) are broad statements that summarize the professional achievements that the program aspires towards, and which students are expected to acquire at the end of the program.

Course outcomes (COs) are clear statements that reflect the fundamental and long-lasting discipline knowledge, skills, and learning depth anticipated of students following completion of a course.

The POs/PSOs of the program are released through electronic media on the college's website (<http://www.nriit.edu.in>) at the various Department sites. The COs of the courses are also made available through electronic media at the Department site on the college's website: <http://www.nriit.edu.in/>. In all contacts with pupils, knowledge of POs, PSOs, and COs is encouraged purposefully.

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	http://nriit.edu.in/igac/cos/

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

COs are mapped to POs in order to quantify the degree to which POs are met. Through the mapping of questions to COs and COs to POs and PSOs, the degree of achievement of POs and PSOs may be determined based on students' test performance in each course. The

program coordinator prepares CO-PO and PSO mapping for all classes.

The direct way of CO evaluation includes a class test, an assignment, midterm and final exams, and a quiz. Each question is associated with its respective CO. Direct assessment (80% weight) and indirect assessment (20% weight). Each CO is determined by establishing the class average as the objective and is linked to POs and PSOs with a 3 (Strong), 2 (Medium), and 1 (Weak) rating (Weak).

Direct assessment of practical courses is conducted via daily performance, internal and external testing.

Students' end-of-semester POs and PSOs are used for indirect lab course evaluation through a survey of course learning outcomes.

Direct measures are evaluated using direct exams of student understanding in relation to measurable COs. Implementing indirect evaluation methodologies by including them into the Program exit survey and Alumni Survey. Lastly, POs are evaluated.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/igac/pos-attainment/

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

767

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.nriitexamcell.com/autonomous/results.php

2.7 - Student Satisfaction Survey

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

<http://nriit.edu.in/igac/student-satisfaction-survey-sss/>

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

The college has constituted a Research Committee in order:

- To encourage the students and faculty members to take up research activities in their field of interest. To provide good relation between the students and faculty members to take up the useful research problem in their project works and to find innovative solution in the projects. To establish research environment by providing basic infrastructure and enabling facilities for promoting R&D activities in new and emerging areas.
- To endorse the industry institute interaction through industry visit and implant training.
- To impart entrepreneurship skills by interacting with eminent entrepreneurs and other financial institutions.
- To encourage the faculty members and students to publish the research articles in conference proceedings and journals.
- To educate and inspire faculty members to apply funded research project and carry out the consultancy work.

- To organize continuous professional activities in the college by maintaining the good relations with Professional bodies.
- To arrange the expert lectures by inviting the experts from reputed institution, R&D centre and industry.

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	http://nriit.edu.in/research-development/
Any additional information	No File Uploaded

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)

9.54

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	No File Uploaded

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	No File Uploaded

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)

12.11

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	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

3

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/research-development/
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

14

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

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	http://nriit.edu.in/research-development/
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.

NRIIT has dedicated E.P.I.C and I.I.C which provides platform for students & research scholars to interact and work in partnership to foster the Entrepreneurship culture in Institution.

Entrepreneurship Promotion & Incubation Center (E.P.I.C) at NRI Institute of Technology is to promote and support entrepreneurship spirit among the graduated and graduating students of NRIIT.

Event/Activity

- Exposure and field visit for problem identification. Date : 12/18/2021
- Field Visit to ATAL Tinkering Lab(ATL) at Narasapuram
- Poster Presentation of Startups developed & linkage with Innovation

Ambassadors for mentorship support. Date: 08/13/2022.

- Conducted National Science Day on 02/24/2022
- Conducted World Earth Day on 04/22/2022
- World Entrepreneurs Day on 08/20/2022
- Activity of "Out of the box thinking for problem solving" on 06/28/2022
- Participated of IIC Institutions in IIC Regional Meet on 08/12/2022
- Constitutional Day 11/26/2021
- National Consumer Rights Day 12/24/2021
- Webinar on Azadi Ka Amrit Mahotsav 75th Independence Day 08/15/2022
- Workshop on Intellectual Property Rights in the era of Industry 4.0 Opportunities and Challenges Date : 05/28/2022
- Poster presentation contest on Idea and Innovations Date : 10/22/2022

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/epic/

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

41

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

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

2

File Description	Documents
URL to the research page on HEI website	http://nriit.edu.in/research-development/
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

85

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

6

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/research-development/

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

125

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

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

27

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
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)

17.84

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	No File Uploaded

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

13.31

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	No File Uploaded
Any additional information	No File Uploaded

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 National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. It provides opportunity to the student youth of Graduate & Post Graduate at colleges and University level of India to take part in various government led community service activities & programmes. The sole aim of the NSS is to provide hands on experience to young students in delivering community service in various universities, colleges and Institutions of higher learning have volunteered to take part in various community service programmes.

NSS ACTIVITIES @NRIIT

As a part of the Institution's support and strengthening the neighborhood community, NRIIT provides free medical aid, drinking and irrigation water supply, approach roads etc. in the adopted village Yadlurupadu, Prakasam Dist. AP. during the last five years.

From time to time our NSS team also organizes various health and family welfare camps at Kanasanapalli village and students are involved in organizing these camps.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/nss/

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

104

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	No File Uploaded

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)

19

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

1260

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

170

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)

16

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	No File Uploaded

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 continuously uses innovative methods of teaching, learning and evaluation process. Teaching and learning process adopts student centric approach to achieve the desired learning outcomes. All classrooms are equipped with adequate lighting, good ventilation, multimedia projector, wi-fi, podium, fans, lights, glass board, etc. Smart classrooms are equipped with LCD

projector, wi-fi, audio and video facilities for effective teaching learning process. Seminar halls are equipped with LCD projector with white board facility, wi-fi, audio and video facilities. All laboratories are equipped with state of the art facilities with periodic maintenance mainly system maintenance, antivirus updations, software updations, calibration and servicing. Each lab is provided with necessary display boards and adequate safety measures. Self and active learning is inculcated among students through assignments and tutorials. Interactive learning techniques such as seminars, video lectures, mini projects and major projects enrich the teaching and learning experience.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/campus-facilities/

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

Institute accommodates separate facilities for both cultural and sports with an aim to improve overall development of students. These allow them to participate in co-curricular and extra-curricular activities like literary and cultural events, recreational activities, throughout the year. Open-air auditorium with more than 3000 seating capacity was established to conduct various literary events and cultural activities. Students are encouraged by literary and cultural club of college to participate in inter-collegiate, state and national level events.

College has designated seven acres of multipurpose ground for outdoor games such as cricket, kabaddi, volley ball, basket ball, tennicoit, handball, shuttle badminton, ball badminton to inculcate physical and sportive environment for students and staff. Indoor gymnasium spreads in college premises with state of art of fitness equipment to support students in getting aware of importance of physical health under guidance of able trainers. Institution provides equipment for indoor games such as caroms and chess for recreation.

Staff and students as part of various clubs like Galileo club, Ramanujan club, Literary club and Cultural club organize events round the year to ignite intellectual spirit among students

fraternity. To awaken acumen of students, yoga classes are conducted in hostel premises.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	http://nriit.edu.in/campus-facilities/

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

44

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)

175.64

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)

Library plays a central role in enhancing quality of academic and research environment in education institutions. Institute library has vast collection of academic books, journals, magazines,

research projects, knowledgeable books and newspapers. These books are available to students to increase their knowledge and understanding of various subjects. College library is an important hub of students' lives. Students can extend their search using internet, e-books and e-journals available in digital library. Institute library exhibits positive impact on students' academic achievement. Students can perform better during examinations and placements as students are explored to knowledge through various means.

LMS Details: Institute installed Integrated Library Management System, namely "Ez," in 2008. In addition, library has a provision of s/w such as Ez software and Online Public Access Catalogue for students and faculty members to search books by title/author name etc.

Library automation facilities and services were partially automated in 2008 with Ez Integrated Library Management System, Web OPAC (2015) and augmented with barcode and RFID Technologies in 2018.

Name of the ILMS: Ez

Nature of Automation: Partially Automated

Web OPAC Version: Java V 10.0.9.19

Year of automation: 2008

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/central-library/

4.2.2 - Institution has access to the following: A. Any 4 or more of the above
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

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)

14.47

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

103

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

The college campus has a well-established state of the art IT infrastructure and facilities. The campus intranet with 1 Gbps multimode fiber optic backbone network supplemented with wi-fi support various services such as website, campus management software, library information system, MOOCs courses, CC TVs, biometric devices, Learning Management System (LMS), online assessments, access to online learning resources and so on. The data center has 24 hours' power backup and standby facilities to

provide 24/7 services.

The details of upgradation that has taken place over the last five years (2015-20) are shown below:

1. Procured MATLAB software in 2014 with 30 user licenses for campus wide usage.
2. Replaced existing biometric attendance system (Bio-enable) in 2021 with 3 devices of Matrix make with licensed reporting software.
3. The institute has smart labs equipped with smart interactive boards procured in 2019.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/internet/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3863	1296

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. 50 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

A. All four of the above

Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/igac/e-content
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)

336.11

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.

- Institution provides adequate availability of physical infrastructure for conduct of various activities and optimum utilization of assets. Institution has defined procedures for maintaining physical, academic and support facilities as per maintenance policy.
- Any problem that persists in department is represented to maintenance in- charge.
- In-charge deposes skilled person/technician to attend the problem.
- Skilled person will resolve problem on site, if no additional material is required.
- In case of material requirement, it is received from maintenance section through an indent.

- If material is to be procured from outside, permission is to be obtained from maintenance in-charge / Head of Institution and arrange for procurement of material to resolve problem.
- The functioning of college intranet and internet facility is monitored and maintained by hardware technicians in association with Network administrator of CSE Department.
- Any up gradations or modification of existing Network Model will be carried out by inviting quotations from external agencies following central purchase procedure.
- Computers and software in laboratories are maintained by computer hardware technicians under supervision of senior faculty.

Faculty in-charge will periodically check condition of class room/laboratory amenities like benches, black boards, fans, lights and LCD's.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/campus-facilities/

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

2261

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

569

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	http://nriit.edu.in/career-development/skill-enhancement/
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

503

File Description	Documents
Any additional information	View File
Number of students benefitted 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'

A. All of the above

grievances Timely redressal of grievances through appropriate committees

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	No File Uploaded

5.2 - Student Progression

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

495

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

10

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

29

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

14

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

Academic Committees:

Anti-Ragging Committee: Nominated Students from all branches monitor in-disciplinary activities if any.

Disciplinary Committee: An extension to Anti-Ragging Committee; it's ever active with voluntary student participation.

Internal Quality Assurance Cell: Nominated Student representatives participate inCell's decision making.

Library Committee: Student participation impacts facilities and requirements besides catering to quality users.

Administrative Committees:

Canteen/Mess Committee: Student feedback on quality and hygiene is considered to check any discrepancies.

Hostel Committee:Regular feedback on hygiene and other amenities of both hostels enables monitoring and facilitating timely redressal where needed.

Transport Committee: Student observations enable monitoring facilities besides solving grievances of users.

Other Committees:

Women Protection and Grievance Cell: Nominated Girl students of all branches participate in key resolutions for women protection.

Grievances Redressal Cell: Institute's inmates freely express grievances through proper channel for suitable solution where HoDs, Deans, Principal and Chairman directly involve.

Student Welfare Committee: Student participation solves grievances and works for their well being.

National Service Scheme: Institute's NSS wing motivates student services by involving them in organizing blood donation, rural health & sanitation, adult education, and environmental awareness camps in neighboring areas.

Sports Committee: Active participation in sports provides opportunities for showcasing their sportsmanship on state, national and international platforms.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/institute-committees/

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

11

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

NRIIT's truly proud of its alumni who are currently positioned in eminent organizations, distinguishing themselves in all spheres. Their contribution to respective organization's truly commendable. They are members Alumni Association, NRIIT, a registered society with Reg. No. 96 on 18th May, 2017. Its main objective is to enroll alumnae as members of association and facilitating their active participation in activities appropriate to societal benefit and their alma mater, NRIIT. It facilitates pleasant interface and coordinates effective networking, to create global NRIIT community for dual benefit of institute and student community at large.

Regular yearly alumni meet takes place in December to provide common forum for all Alumnae to interact with Institute. It brings together all old students and faculty of NRIIT to share experiences, update data and to interact with one another. These meets enable to utilize rich experiences for benefit and progress of students present on campus for better employment and higher studies. Campus placements through the old students working in reputed industries across the globe are done. Valuable suggestions of alumni are noted for Institute's benefit. In addition, voluntary financial contribution of Alumni is put to best use; for development of institute in all respects.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/alumni/about/

5.4.2 - Alumni's financial contribution during the year **D. 2 Lakhs - 5 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

VISION

To produce Professionally Excellent, Knowledgeable, Globally Competitive and Socially Responsible Engineers and Entrepreneurs.

MISSION

M1: Providing quality education through state-of-art infrastructure, laboratories and committed Staff.

M2: Establishing a continuous industry-institute interaction, participation and collaboration to contribute skilled Engineers.

M3: Involving Faculty members and Students in Research and Development to become globally competitive and for the betterment of the Society.

M4: Developing human values, social values, entrepreneurship skills and professional ethics among the Technocrats.

The institution's vision and mission are developed based on feedback from a variety of internal and external stakeholders.

The institute governing council took great care when crafting the vision and mission statements to be suitable for education and develop a student's holistic personality; pertinent to satisfy industry, research and development, and societal values requirements. The validity of the vision and mission statements is verified on a regular basis by setting short- and long-term goals and performing external and internal audits. The main activity that links management, employees, students, and society is governance. The institution's Statutory and non- Statutory bodies set up the standards, keeps tabs on how the institute progresses in general.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/governing-council-2/

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

Our institute's success is largely due to the proper

decentralization of diverse tasks and the appropriate allocation of authority.

One of the effective approaches that contribute to an organization's success is the student-centric approach. Various institutional committees made up of faculty and personnel exist. For both employees and students, NRI Institute of Technology maintains a code of conduct. It notifies students about academics, public and government free-ships, scholarships, and competitive exams.

For effective implementation of the strategies proposed, the Governing Council, Chairman, Principal, Vice-Principal, HoD's, A.O, Librarian, Placement Officer, Director of Physical Education, Finance Officer, and Alumni Association collaborate.

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	http://nriit.edu.in/strategic-plan-and-deployment/

6.2 - Strategy Development and Deployment

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

Our institute's success is largely due to the proper decentralization of diverse tasks and the appropriate allocation of authority.

Effective Leadership and Participative management

- Decentralization of administrative, academic, and student-related powers and duties
- Every fortnight, faculty meetings are held by all HoDs and Minutes of meeting are delivered to the principal for compilations and recommendations for approval.

Ensuring Effective Governance

To

- Discuss the approval of new programmes and assess how smoothly college administrative operations are going.
- Examine the examination outcomes for each programme, result analysis, and their improvement initiatives.
- Grant consent for the Institute's infrastructure to be upgraded and maintained
- Assess the budget assigned for various activities, their associated expenses, etc.

The implementation of the strategy comes once the planning phase is complete. Target audiences such as teachers, students, employees, and other stakeholders are informed of the strategies defined by management and the principal through meetings, mails, and other kinds of communication.

At the institutional level, the Principal's Handbook provides as a guide for carrying out these activities. The organizational progression manual outlines clear policies and procedures for each activity to serve as a guide for all actions.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://nriit.edu.in/strategic-plan-deployment/
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.

The institute fosters a committed work environment that values each stakeholder's involvement. The institution's work culture places a strong emphasis on everyone's participation in decision-making and the associated transparency.

The success of our institute is largely due to the proper decentralization of diverse tasks and the appropriate delegation of authority. One of the effective tactics that adds to the

organization's success story is the student-centered approach. Various institutional committees made up of faculty and personnel exist. For both employees and students, NRI Institute of Technology maintains a code of conduct. It informs the instructors and students about government aids including free-ships, scholarships, and competitive exams.

The implementation of policies, administrative setup, appointment and service regulations, and other institutional body functions are effective and efficient. Different administrative sections are in charge of the institute's effective and efficient operation. The institute organogram presented here serves to illustrate how well and effectively the institutional bodies perform.

File Description	Documents
Paste link to Organogram on the institution webpage	http://nriit.edu.in/organization-chart/
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/mandatory-disclosure/

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	No File Uploaded

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

Welfare programmes for faculty and staff are important for both employee development and organizational growth. By fostering a positive environment and offering the welfare measures, a healthy

and good retention ratio is maintained in the academic cadre.

- All employees receive free transportation
- Incentives, promotions, and increments are offered
- Maternity and Paternity leaves are offered.
- Provident fund for all employees who meet the eligibility requirements in accordance with governmental regulations
- All non-doctoral staff members are encouraged to enrol in a part-time Ph.D. programme.
- Management-funded training programmes are available for both teaching and non-teaching staff.
- Faculty are permitted to act as resource persons.
- There is a provision for medical leave and special casual leave.
- Highlighting faculty accomplishments in announcements, emails, and web pages
- Paid holidays at festivals like Pongal, Dussera, and summer
- Salary advance given for needy staff members.
- The security guards and peons are given uniforms.
- Free medical camps and vaccinations are provided to all faculties.
- Separate car parking for faculty.
- Subsidized canteen facilities are available.
- The staffs are encouraged to give suggestions and regular feedback to improve the welfare measures in the Institute.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://nriit.edu.in/welfare-measures/

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

86

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

22

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.)

110

File Description	Documents
Summary of the IQAC report	No File Uploaded
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

Budgets for departments as well as the college level are approved by the Finance and Purchase Committee. The procedure for conduct of internal and external financial audit is as follows:

- Department's head receives a circular regarding budget proposal for the next academic year at every year end.
- Departmental Financial Plan Committee's prepare the budget and seek approval by HoD and forward to Finance Committee
- The approved budgets are sent to the Governing Council for approval
- The audit is performed by a chartered accountant and report is forwarded to management for review
- Authorities of management and a certified accountant sign the audited statement.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/audit-reports/

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)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

NRI Institute of Technology is a self-supporting organization. The institute follows a clear procedure to track the financial resources for academic work and infra structure

- Finance and Purchase committee fixes the budget for every academic year by collecting various inputs
- Grants from various funding agencies help in conduction of various programs and set up of laboratories
- Consultancy provides additional amount for smooth running of institution

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/budget-report/

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)

- The Academic Performance Index (API) and Annual Quality Assurance Reports (AQAR) are submitted by the faculty of each department by NRIIT. These reports are assessed to ensure quality and accountability. Wherever necessary, NRIIT engages into collaborative partnerships for the purposes of teaching, research, and extension education with other reputable institutions/organizations.
- Each department periodically reviews the curricula for its own or related fields. The flexibility of each discipline's curricula allows for the adoption of new technologies and delivery methods while continuing placing a strong emphasis on quality.
- Faculty are urged to enroll in elective or vocational courses in order to benefit from the NPTEL/quality-improvement SWAYAM's initiatives.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/iqac-initiatives/

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 frequently reviews and oversees the teaching-learning process. The structures & methodology of operations, the teaching-learning process, and the learning outcomes are all reviewed on a regular basis.

- Institute and Department academic calendars are prepared at the beginning of every academic year based on University's calendar
- Faculty members create lesson plans for the courses allotted during the semesters
- The lecture notes and sessions are uploaded on the website
- Student feedbacks are received orally and online on the faculty, facilities provided by institution
- A consolidated report is prepared and necessary action is taken by the HoD and Principal

- Student performance is monitored periodically

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/igac-initiatives/

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, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	http://nriit.edu.in/igac/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Number of gender equity promotion programs organized by the institution year wise during 2021-2022.

Safety and Security

NRIIT possesses a privileged right to promote higher education and to ensure women's empowerment through gender equity in education. Keeping this in mind, the college has transformed the campus into an oasis of safety.

- The security guards are deployed at proper places and their prime responsibility is to maintain continuous surveillance for arresting mischievous activities.
- CCTV cameras installed at vulnerable places enable the authorities to track every event .
- Internal Complaint Committee has also been established to foster an environment in which unlawful discrimination and harassment are not tolerated.
- Separate waiting rooms for girls and boys are hygienically maintained.
- Counselling and mentoring:

NRIIT arranges regular counseling sessions .

- To gain insight into the issues concerned with gender inequalities violence and insecurities faced by women employees and girl students
- To motivate girl students become strong enough to fight against any problem.
- To organize workshops and seminars for women development. To promote personality development, leadership quality and role of women in the society.

On the whole, the girl students of this Engineering College, are made strong individuals with independent thinking, career-oriented and are made ready to serve themselves as well as the society for a better tomorrow.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/iqac-initiatives/

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

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

Solid waste management:

For solid waste management, different bins have been placed in different departments and all class rooms. The institution practices the segregation of solid waste into dry and wet waste. The dry waste consists of paper, plastic, dry leaves etc., The dry leaves, twigs etc., are collected and decomposed in a compost pit which is used as manure for trees and plants. The wet waste like food waste, vegetable waste and fruit waste etc., are disposed.

Liquid waste management: The liquid waste produced from the canteen is allowed to go to the nearby trees. No harmful chemicals are there in that water.

E-waste management: The E-waste include electric and electronic and electrical equipments including the connecting power plugs, cables and batteries which are regularly collected from source points, are sent to e-waste storage area. The e-waste includes out of order equipments or obsolete items like lab instruments, circuits, desktops, etc. All such equipment's which cannot be reused or recycled is being disposed of through vendors.

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	No File Uploaded

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

Maintenance of water bodies and distribution system in the campus

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

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:

A. Any 4 or all of the above

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

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

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 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.

A. Any 4 or all of the above

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	No File Uploaded

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).

NRIIT provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, socioeconomic and other diversities. Efforts have been made by us for providing a healthy environment, promoting harmony and tolerance among the students. Moreover, we provide equal opportunities to the students in various activities conducted

throughout the session irrespective of everything. Different sports and cultural activities organized in the college for promoting harmony among all. The events include Sankranti sambaraalu, along with important days like Women's Day and Yoga Day along with many regional festivals like Janamashtami, Eid, Holi, Navratri. There are different grievance redressal cells in the institute for both Student and Women and Anti-ragging cell which deal with grievances without considering anyone's racial or cultural background. Institute has code of ethics for students and a separate code of ethics for teachers and other employees which are followed by each one of them irrespective of everything. Various cultures are represented during the fests which depict sense of respect towards all the cultures. Every year "Constitution Day" is organized by the institution to spread Constitutional values and ideals among students.

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:

At NRIIT, we believe in giving holistic all-round education to the students. And sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means. Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Many of the subjects offered have topics which sensitize the students about the constitutional obligations. The University has introduced a paper on the Constitution of India at U G level in all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation. As a part of strengthening the democratic values. Also, all students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc. Seminars on topics like Right to Information, Sexual Harassment, and Gender Equity are conducted periodically. The students of NRIIT study constitution of India as an optional paper which sensitizes the students about constitutional obligations. Independence Day is also celebrated every year to highlight

struggle of freedom and importance of Indian constitution

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 staff Annual awareness programmes on the Code of Conduct are organized

A. All of the above

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

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

The institution organizes and celebrates special events annually to commemorate the birth and death anniversaries of Indian luminaries besides some events of national importance like Independence Day, Republic Day to respect our nation and its great personalities.

- **Every Year College celebrates National Festivals i.e. Voter's day on 25th January is observed with the setting up**

of the Voter Awareness Forum.

- The birth anniversary of Sri Mokshagundam Visweswaraiiah is celebrated as Engineer's Day on the 15th September every year. The departments organize various technical competitions on this occasion.
- NRI Institute of Technology celebrates the Teachers'Day every year on September 5th in memory of Dr. S. Radha Krishnan, former President of India.
- The National Mathematics Day is celebrated on the 22nd December every year by the Department of Freshmen Engineering on the college campus to commemorate the birth anniversary of Sri Srinivasa Ramanujan.
- NSS unit of NRI Institute of Technology conducts events based on "Swachh Bharath - Swasth Bharat" a "Clean India Campaign" in and outside the campus as part of national drive on Gandhi Jayanti.
- International Women's day is also celebrated in our college on 8th March every year. The day is celebrated under auspices of women cell of the college.

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

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

Practice:1: Samardhyam

Objectives:

All class teachers are instructed to identify slow learners from their respective classes and conduct regular class tests and monitor their performances.

Context :

It's universally acknowledged across Institutions that there will

be some students who will not follow, respond and perform up to required expectations to enhance their performances.

Practice:

Students who have not been performing up to satisfaction levels are segregated in separate class rooms. Revising important questions for better learning.

Output:

These remedial classes thus met with the expectation that's clearly noted in the following results.

Practice 2: Naipunyam

Objectives:

1. All class teachers are instructed to register students to NPTEL courses.
2. Students will get access to distinguished faculty from IITs.

Context :

It's well-known fact students with good experience will have an edge over others in recruitment processes during campus placements to promote success rate of both academics and placements with help of NPTEL.

Practice:

Students who aim at improving their command on subject and practical knowledge in various subjects of learning are made to register for NPTEL, module created and supported AICTE.

Output:

NPTEL courses enable students to perform well in recruitment tests besides proving their efficiency in other competitive exams.

File Description	Documents
Best practices in the Institutional website	http://nriit.edu.in/igac/best-practices/
Any other relevant information	Nil

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)

Title:Prasamsa

A very special feature of NRIIT which brought accolades from its stake holders and the society is 'SUCCESS MEET,' celebration of students' success in placements. In March / April every year, NRIIT conducts a magnanimous celebration involving the final year placed students along with their parents. All the pre-final year students and their parents are also involved in this event for a complete understanding and motivation from the breezes of success that surround them on the respective day. The placed students are called upon stage along with their parents where our management appreciates the students and felicitates the parents with a shawl commemorating their wards' success. This heartening gesture takes the parents to cloud nine giving them a life-time memory. The students share their experiences of committed preparation during the days of placement training which blessed them with the initial step of achieving life settlement. Parents share their feedback about the well organized and systematic training imparted that enabled their ward's grand success. Their words of gratitude instill strong determination and focus in the minds of the pre-final years. This is truly a unique feature of the institution which makes us stand high in the locale.

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.

Factors for Curriculum Design:

The Curriculum is designed to ensure that students gain not only the required domain knowledge but also appropriate skills and attitudes for being globally competitive and workforce-ready.

An effective implementation of this OBE methodology has ensured that graduating engineers acquire all 12 POs as defined by NBA, to be competitive on global platform, with desired graduate attributes. Specific to every program, NRIIT has designed 3-5 PEOs that are measured through the performance of the alumni.

Institution regularly monitors attainments of COs, POs and PSOs of all programs and appropriate actions are taken based on identified weaknesses, through a well-structured Continuous and Comprehensive Evaluation mechanism, for accompanying need-based improvement.

Process of Curriculum Design:

- The Curriculum is submitted to the respective Boards of Studies where, in addition to senior faculty members, experts from industry, external academic experts and finalize the curricula.
- This curriculum is then placed to the Academic Council and Governing Body for scrutiny, suggestions and approval. The finally evolved curriculum is printed as the NRIIT syllabus and disseminated among various stakeholders, as also displayed on the institutional website.
- In the year the curriculums of the UG & PG programs have been revised in 2020.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	http://nriit.edu.in/academic-syllabus/

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

6

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

278

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	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

278

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

185

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

- In order to integrate the cross cutting issues relevant to Gender, Environment & Sustainability, Human Values and Professional Ethics, NRIIT has imbibed relevant courses into the curriculum. Apart from enhancing professional competencies these aim to inculcate general competencies viz., social values, human values, environment sensitivity and such others, thereby leading to a holistic development of students.
- The courses on Ethics, Human Values, Human Resources & Organizational Behaviour, and Environmental Studies are embedded in the curriculum of all UG programmes. Apart from this, community outreaches through NSS activities are encouraged.

1. Gender Sensitivity

Gender sensitivity and gender sensitization is accomplished by including boys and girls equally in all the committees of the Institution.

2. Human Values and Professional Ethics

A course related to human values "Professional Ethics and Human Values" is offered as an open elective to all the UG students to pursue at least once during their programme of study.

3. Environment studies

A course on Environmental Science is included in all UG programmes. In order to sensitize students about the environment and sustainability issues, a number of activities such as seminars, workshops, guest lectures, industry visits and field excursions were organized for students of all programmes.

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	No File Uploaded

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

16

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

1728

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

967

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

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	http://nriit.edu.in/igac/feedback-analysis/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
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	http://nriit.edu.in/igac/feedback-analysis/
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	
968	
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)	
753	
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.	
<p>The institution often employs well-thought-out multi-level tactics to deal with the challenges posed by a wide range of students' current skill sets. Students' performances on the qualifying test, the entrance exam, and the introduction training program given just after admission provide the first indications of their potential for learning. Faculty members have been training students throughout their coursework ever since, paying close attention to their individual requirements and making concerted efforts to eliminate any obstacles they may have encountered.</p> <ul style="list-style-type: none"> • The teaching staff, course coordinator, and head of department monitor students until the completion of the course based on their performance in the first round of internal examinations. • Students who are behind are given customized treatment 	

before or after class on specific days for each subject to improve their reading, writing, arithmetic, and speaking skills.

- Individualized support is provided for slow learners in order to help them catch up and perform better
- To improve their learning, slow students are partnered with high achievers

To support the advanced learners, college conducts /encourages

- Colleges support advanced students via coding contests, problem-solving training, campus-specific courses, and more.
- Enroll in advanced technology courses like NPTEL-MOOCs and APSSDC.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/igac/student-support/slow-advanced-learners/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2021	3584	200

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:

The teaching-learning process is one of our college's primary goals and its greatest strength. Experiential learning, participatory learning, and problem-solving techniques are effectively used to promote the holistic development of students and to support lifelong learning and knowledge

management.

Participative Learning:

- Design/development of solutions: Through group analysis, brainstorming, etc., students strive to discover solutions for complicated engineering issues and design system components/processes that fulfill the defined demands of real-world scenarios.
- Students are encouraged and required to enroll in MOOCs (Massive Open Online Courses) given by the nation's preeminent schools. They include online courses, demonstrations.

Industry interaction and summer training

- Industrial / field trips, practical training / internships in industry and/or recognized universities are now required.
- Students' pre-employment training is enriched through industry-led initiatives and partnerships.
- Periodic guest talks by people from various organizations/industries on issues pertinent to employability skills.

Experiential learning:

- In the program, practical courses (laboratories) including virtual laboratories are required.
- Knowledge of the maintenance and repair of different laboratory equipment.
- Whenever possible, several learning strategies, such as problem-based, case-based, project-based, inquiry-based, computation-based, and cooperative (work- or community-based) are utilized.
- Innovative projects and mini-projects are encouraged for students.

File Description	Documents
Upload any additional information	View File
Link for additional Information	http://nriit.edu.in/igac/student-support/experiential-participative-learning/

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

The institution's whole faculty has accepted the use of ICT technologies for effective content delivery in the classroom in order to improve students' conceptual comprehension and problem-solving skills. ICT technologies supplement conventional teaching-learning techniques, and the institution is eager to provide creative ways to enhance the learning experience. The university possesses the necessary resources, such as an abundance of computers in engineering departments and the library, high-speed Internet access, and a student body and teachers proficient in ICT. Through in-house training sessions and/or faculty development programs administered by IITB, Mumbai, the faculty is educated in the effective use of tools. Teaching/Learning strategies consist of the use of ICT technologies for illustrations and special lectures, field research, case studies, project-based methods, experimental methods, flipped classroom sessions, etc.

Regular Practical Sessions, Access to Digital Library, Online Courses (MOOCs, NPTEL, etc.), Online Journals, Online Tests, Use of LCD Projectors for Seminars and Workshops, Productive Use of Educational Videos, and Accessibility of Non-Print Material for Students of Different Disciplines Support the ICT-enabled Teaching-Learning Process. Students are able to achieve competency in hearing, speaking, reading, and writing via the use of ICT-enabled communication training facilities.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://nriit.edu.in/infrastructure/
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues**2.3.3.1 - Number of mentors**

160

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**1. Academic calendar**

The Institute Academic Committee (IAC) gathers department and section heads' action plans and forwards them to the Academic Council, which produces a well-organized academic schedule. It is printed, posted, and archived on the college's website. The calendar, which was made accessible to students prior to the start of class, includes:

- First and last day of instruction, internal and external test schedules, preparatory holidays for final exams, and vacation periods.
- The academic schedule is closely followed. In the event of unanticipated circumstances outside the institution's control, the authorities will make the required changes and post them on notice boards and websites.

2. Teaching Plan

Department heads have meetings with their respective professors well in advance of the beginning of the semester's course work and assign topics. A unit-by-unit teaching plan of the course material, distributed throughout the allowed lecture hours, is created to guarantee a consistent pace of instruction. Course coverage is checked every two weeks by the relevant HOD, and any variations are explained with the relevant faculty and supplementary classwork is organized.

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

200

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	No File Uploaded

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

43

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)

1217

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

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

19

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

31

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

1. The Institute has a system of continual assessment. Internal evaluations are undertaken in accordance with independent UG and PG norms. In addition, the student is continuously assessed by class Tests, Assignments, subjective exams, Objective Quiz tests, Seminars, viva voce, and end-of-semester final examinations.
2. The majority of actions involved with the administration of tests, grading, and publication of results include the use of information technology tools.
3. During counseling meetings, counselors provide parents with information on their children's internal grades and attendance.
4. In accordance with Bloom's taxonomy, subject-matter specialists design examination questions.
5. Examination cell also transmits attendance and grade data

to parents through SMS and mobile app.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.nriitexamcell.com/

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

Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are developed in strict accordance with the goals of Outcome-Based Education (OBE) by the department delivering the relevant program with teachers and stakeholders. After agreement is reached, the same are extensively disseminated and advertised by different ways, including the display and/or communication methods.

- Website
- Curriculum /regulations books
- Class rooms
- Department Notice Boards
- Laboratories
- Student Induction Programs
- Meetings/ Interactions with employers
- Parent meet
- Faculty meetings
- Alumni meetings
- Library

Program Outcomes (POs) are broad statements that summarize the professional achievements that the program aspires towards, and which students are expected to acquire at the end of the program.

Course outcomes (COs) are clear statements that reflect the fundamental and long-lasting discipline knowledge, skills, and learning depth anticipated of students following completion of a course.

The POs/PSOs of the program are released through electronic media on the college's website (<http://www.nriit.edu.in>) at the various Department sites. The COs of the courses are also made

available through electronic media at the Department site on the college's website: <http://www.nriit.edu.in/>. In all contacts with pupils, knowledge of POs, PSOs, and COs is encouraged purposefully.

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	http://nriit.edu.in/igac/cos/

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

COs are mapped to POs in order to quantify the degree to which POs are met. Through the mapping of questions to COs and COs to POs and PSOs, the degree of achievement of POs and PSOs may be determined based on students' test performance in each course. The program coordinator prepares CO-PO and PSO mapping for all classes.

The direct way of CO evaluation includes a class test, an assignment, midterm and final exams, and a quiz. Each question is associated with its respective CO. Direct assessment (80% weight) and indirect assessment (20% weight). Each CO is determined by establishing the class average as the objective and is linked to POs and PSOs with a 3 (Strong), 2 (Medium), and 1 (Weak) rating (Weak).

Direct assessment of practical courses is conducted via daily performance, internal and external testing.

Students' end-of-semester POs and PSOs are used for indirect lab course evaluation through a survey of course learning outcomes.

Direct measures are evaluated using direct exams of student understanding in relation to measurable COs. Implementing indirect evaluation methodologies by including them into the Program exit survey and Alumni Survey. Lastly, POs are evaluated.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/igac/pos-attainment/

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

767

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.nriitexamcell.com/autonomous/results.php

2.7 - Student Satisfaction Survey

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

<http://nriit.edu.in/igac/student-satisfaction-survey-sss/>

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

The college has constituted a Research Committee in order:

- To encourage the students and faculty members to take up research activities in their field of interest. To provide good relation between the students and faculty members to take up the useful research problem in their project works and to find

innovative solution in the projects. To establish research environment by providing basic infrastructure and enabling facilities for promoting R&D activities in new and emerging areas.

- To endorse the industry institute interaction through industry visit and implant training.
- To impart entrepreneurship skills by interacting with eminent entrepreneurs and other financial institutions.
- To encourage the faculty members and students to publish the research articles in conference proceedings and journals.
- To educate and inspire faculty members to apply funded research project and carry out the consultancy work.
- To organize continuous professional activities in the college by maintaining the good relations with Professional bodies.
- To arrange the expert lectures by inviting the experts from reputed institution, R&D centre and industry.

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	http://nriit.edu.in/research-development/
Any additional information	No File Uploaded

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)

9.54

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	No File Uploaded

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	No File Uploaded

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)

12.11

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	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

3

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/research-development/
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

14

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

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	http://nriit.edu.in/research-development/
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.

NRIIT has dedicated E.P.I.C and I.I.C which provides platform for students & research scholars to interact and work in partnership to foster the Entrepreneurship culture in

Institution.

Entrepreneurship Promotion & Incubation Center (E.P.I.C) at NRI Institute of Technology is to promote and support entrepreneurship spirit among the graduated and graduating students of NRIIT.

Event/Activity

- Exposure and field visit for problem identification. Date : 12/18/2021
- Field Visit to ATAL Tinkering Lab(ATL) at Narasapuram
- Poster Presentation of Startups developed & linkage with Innovation

Ambassadors for mentorship support. Date: 08/13/2022.

- Conducted National Science Day on 02/24/2022
- Conducted World Earth Day on 04/22/2022
- World Entrepreneurs Day on 08/20/2022
- Activity of "Out of the box thinking for problem solving" on 06/28/2022
- Participated of IIC Institutions in IIC Regional Meet on 08/12/2022
- Constitutional Day 11/26/2021
- National Consumer Rights Day 12/24/2021
- Webinar on Azadi Ka Amrit Mahotsav 75th Independence Day 08/15/2022
- Workshop on Intellectual Property Rights in the era of Industry 4.0 Opportunities and Challenges Date : 05/28/2022
- Poster presentation contest on Idea and Innovations Date : 10/22/2022

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/epic/

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

41

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

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

2

File Description	Documents
URL to the research page on HEI website	http://nriit.edu.in/research-development/
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

85

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

6

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/research-development/

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

125

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

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

27

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
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)

17.84

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	No File Uploaded

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

13.31

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	No File Uploaded
Any additional information	No File Uploaded

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 National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. It provides opportunity to the student youth of Graduate & Post Graduate at colleges and University level of India to take part in various government led community service activities & programmes. The sole aim of the NSS is to provide hands on experience to young students in delivering community service in various universities, colleges and Institutions of higher learning have volunteered to take part in various community service programmes.

NSS ACTIVITIES @NRIIT

As a part of the Institution's support and strengthening the neighborhood community, NRIIT provides free medical aid, drinking and irrigation water supply, approach roads etc. in the adopted village Yadlurupadu, Prakasam Dist. AP. during the last five years.

From time to time our NSS team also organizes various health and family welfare camps at Kanasanapalli village and students are involved in organizing these camps.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/nss/

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

104

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	No File Uploaded

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)

19

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

1260

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

170

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)

16

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	No File Uploaded

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 continuously uses innovative methods of teaching, learning and evaluation process. Teaching and learning process adopts student centric approach to achieve the desired learning outcomes. All classrooms are equipped with adequate lighting, good ventilation, multimedia projector, wi-fi, podium, fans, lights, glass board, etc. Smart classrooms are equipped with LCD projector, wi-fi, audio and video facilities for effective teaching learning process. Seminar halls are equipped with LCD projector with white board facility, wi-fi, audio and video facilities. All laboratories are equipped with state of the art facilities with periodic maintenance mainly system maintenance, antivirus updations, software updations, calibration and servicing. Each lab is provided with necessary display boards and adequate safety measures. Self and active learning is

inculcated among students through assignments and tutorials. Interactive learning techniques such as seminars, video lectures, mini projects and major projects enrich the teaching and learning experience.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/campus-facilities/

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

Institute accommodates separate facilities for both cultural and sports with an aim to improve overall development of students. These allow them to participate in co-curricular and extra-curricular activities like literary and cultural events, recreational activities, throughout the year. Open-air auditorium with more than 3000 seating capacity was established to conduct various literary events and cultural activities. Students are encouraged by literary and cultural club of college to participate in inter-collegiate, state and national level events.

College has designated seven acres of multipurpose ground for outdoor games such as cricket, kabaddi, volley ball, basket ball, tennicoit, handball, shuttle badminton, ball badminton to inculcate physical and sportive environment for students and staff. Indoor gymnasium spreads in college premises with state of art of fitness equipment to support students in getting aware of importance of physical health under guidance of able trainers. Institution provides equipment for indoor games such as caroms and chess for recreation.

Staff and students as part of various clubs like Galileo club, Ramanujan club, Literary club and Cultural club organize events round the year to ignite intellectual spirit among students fraternity. To awaken acumen of students, yoga classes are conducted in hostel premises.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	http://nriit.edu.in/campus-facilities/

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

44

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)

175.64

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)

Library plays a central role in enhancing quality of academic and research environment in education institutions. Institute library has vast collection of academic books, journals, magazines, research projects, knowledgeable books and newspapers. These books are available to students to increase their knowledge and understanding of various subjects. College library is an important hub of students' lives. Students can extend their search using internet, e-books and e-journals

available in digital library. Institute library exhibits positive impact on students' academic achievement. Students can perform better during examinations and placements as students are explored to knowledge through various means.

LMS Details: Institute installed Integrated Library Management System, namely "Ez," in 2008. In addition, library has a provision of s/w such as Ez software and Online Public Access Catalogue for students and faculty members to search books by title/author name etc.

Library automation facilities and services were partially automated in 2008 with Ez Integrated Library Management System, Web OPAC (2015) and augmented with barcode and RFID Technologies in 2018.

Name of the ILMS: Ez

Nature of Automation: Partially Automated

Web OPAC Version: Java V 10.0.9.19

Year of automation: 2008

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/central-library/

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)**14.47**

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
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****103**

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

The college campus has a well-established state of the art IT infrastructure and facilities. The campus intranet with 1 Gbps multimode fiber optic backbone network supplemented with wi-fi support various services such as website, campus management software, library information system, MOOCS courses, CC TVs, biometric devices, Learning Management System (LMS), online assessments, access to online learning resources and so on. The data center has 24 hours' power backup and standby facilities to provide 24/7 services.

The details of upgradation that has taken place over the last five years (2015-20) are shown below:

1. Procured MATLAB software in 2014 with 30 user licenses for campus wide usage.

2. Replaced existing biometric attendance system (Bio-enable) in 2021 with 3 devices of Matrix make with licensed reporting software.

3. The institute has smart labs equipped with smart interactive boards procured in 2019.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/internet/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3863	1296

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. 50 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

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/igac/e-content
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)

336.11

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.

- Institution provides adequate availability of physical infrastructure for conduct of various activities and optimum utilization of assets. Institution has defined procedures for maintaining physical, academic and support facilities as per maintenance policy.
- Any problem that persists in department is represented to maintenance in- charge.
- In-charge deposes skilled person/technician to attend the problem.
- Skilled person will resolve problem on site, if no additional material is required.
- In case of material requirement, it is received from maintenance section through an indent.
- If material is to be procured from outside, permission is to be obtained from maintenance in-charge / Head of Institution

and arrange for procurement of material to resolve problem.

- The functioning of college intranet and internet facility is monitored and maintained by hardware technicians in association with Network administrator of CSE Department.

- Any up gradations or modification of existing Network Model will be carried out by inviting quotations from external agencies following central purchase procedure.

- Computers and software in laboratories are maintained by computer hardware technicians under supervision of senior faculty.

Faculty in-charge will periodically check condition of class room/laboratory amenities like benches, black boards, fans, lights and LCD's.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/campus-facilities/

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

2261

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

569

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	http://nriit.edu.in/career-development/skill-enhancement/
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

503

File Description	Documents
Any additional information	View File
Number of students benefitted 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'

A. All of the above

grievances Timely redressal of grievances through appropriate committees

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	No File Uploaded

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

495

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

10

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

29

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

14

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

Academic Committees:

Anti-Ragging Committee: Nominated Students from all branches monitor in-disciplinary activities if any.

Disciplinary Committee: An extension to Anti-Ragging Committee; it's ever active with voluntary student participation.

Internal Quality Assurance Cell: Nominated Student representatives participate in Cell's decision making.

Library Committee: Student participation impacts facilities and requirements besides catering to quality users.

Administrative Committees:

Canteen/Mess Committee: Student feedback on quality and hygiene is considered to check any discrepancies.

Hostel Committee: Regular feedback on hygiene and other amenities of both hostels enables monitoring and facilitating timely redressal where needed.

Transport Committee: Student observations enable monitoring facilities besides solving grievances of users.

Other Committees:

Women Protection and Grievance Cell: Nominated Girl students of all branches participate in key resolutions for women protection.

Grievances Redressal Cell: Institute's inmates freely express grievances through proper channel for suitable solution where HoDs, Deans, Principal and Chairman directly involve.

Student Welfare Committee: Student participation solves grievances and works for their well being.

National Service Scheme: Institute's NSS wing motivates student services by involving them in organizing blood donation, rural health & sanitation, adult education, and environmental awareness camps in neighboring areas.

Sports Committee: Active participation in sports provides opportunities for showcasing their sportsmanship on state, national and international platforms.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/institute-committees/

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

11

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

NRIIT's truly proud of its alumni who are currently positioned in eminent organizations, distinguishing themselves in all spheres. Their contribution to respective organization's truly commendable. They are members Alumni Association, NRIIT, a registered society with Reg. No. 96 on 18th May, 2017. Its main objective is to enroll alumnae as members of association and facilitating their active participation in activities appropriate to societal benefit and their alma mater, NRIIT. It facilitates pleasant interface and coordinates effective networking, to create global NRIIT community for dual benefit of institute and student community at large.

Regular yearly alumni meet takes place in December to provide common forum for all Alumnae to interact with Institute. It brings together all old students and faculty of NRIIT to share experiences, update data and to interact with one another. These meets enable to utilize rich experiences for benefit and progress of students present on campus for better employment and higher studies. Campus placements through the old students working in reputed industries across the globe are done. Valuable suggestions of alumni are noted for Institute's benefit. In addition, voluntary financial contribution of Alumni is put to best use; for development of institute in all respects.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/alumni/about/

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 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

VISION

To produce Professionally Excellent, Knowledgeable, Globally Competitive and Socially Responsible Engineers and Entrepreneurs.

MISSION

M1: Providing quality education through state-of-art infrastructure, laboratories and committed Staff.

M2: Establishing a continuous industry-institute interaction, participation and collaboration to contribute skilled Engineers.

M3: Involving Faculty members and Students in Research and Development to become globally competitive and for the betterment of the Society.

M4: Developing human values, social values, entrepreneurship skills and professional ethics among the Technocrats.

The institution's vision and mission are developed based on feedback from a variety of internal and external stakeholders.

The institute governing council took great care when crafting the vision and mission statements to be suitable for education and develop a student's holistic personality; pertinent to satisfy industry, research and development, and societal values requirements. The validity of the vision and mission statements is verified on a regular basis by setting short- and long-term goals and performing external and internal audits. The main activity that links management, employees, students, and society is governance. The institution's Statutory and non-Statutory bodies set up the standards, keeps tabs on how the institute progresses in general.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/governing-council-2/

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

Our institute's success is largely due to the proper decentralization of diverse tasks and the appropriate allocation of authority.

One of the effective approaches that contribute to an organization's success is the student-centric approach. Various institutional committees made up of faculty and personnel exist. For both employees and students, NRI Institute of Technology maintains a code of conduct. It notifies students about academics, public and government free-ships, scholarships, and competitive exams.

For effective implementation of the strategies proposed, the Governing Council, Chairman, Principal, Vice-Principal, HoD's, A.O, Librarian, Placement Officer, Director of Physical Education, Finance Officer, and Alumni Association collaborate.

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	http://nriit.edu.in/strategic-plan-and-deployment/

6.2 - Strategy Development and Deployment

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

Our institute's success is largely due to the proper decentralization of diverse tasks and the appropriate allocation of authority.

Effective Leadership and Participative management

- Decentralization of administrative, academic, and student-related powers and duties
- Every fortnight, faculty meetings are held by all HoDs and

Minutes of meeting are delivered to the principal for compilations and recommendations for approval.

Ensuring Effective Governance

To

- Discuss the approval of new programmes and assess how smoothly college administrative operations are going.
- Examine the examination outcomes for each programme, result analysis, and their improvement initiatives.
- Grant consent for the Institute's infrastructure to be upgraded and maintained
- Assess the budget assigned for various activities, their associated expenses, etc.

The implementation of the strategy comes once the planning phase is complete. Target audiences such as teachers, students, employees, and other stakeholders are informed of the strategies defined by management and the principal through meetings, mails, and other kinds of communication.

At the institutional level, the Principal's Handbook provides as a guide for carrying out these activities. The organizational progression manual outlines clear policies and procedures for each activity to serve as a guide for all actions.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://nriit.edu.in/strategic-plan-deployment/
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.

The institute fosters a committed work environment that values each stakeholder's involvement. The institution's work culture

places a strong emphasis on everyone's participation in decision-making and the associated transparency.

The success of our institute is largely due to the proper decentralization of diverse tasks and the appropriate delegation of authority. One of the effective tactics that adds to the organization's success story is the student-centered approach. Various institutional committees made up of faculty and personnel exist. For both employees and students, NRI Institute of Technology maintains a code of conduct. It informs the instructors and students about government aids including free-ships, scholarships, and competitive exams.

The implementation of policies, administrative setup, appointment and service regulations, and other institutional body functions are effective and efficient. Different administrative sections are in charge of the institute's effective and efficient operation. The institute organogram presented here serves to illustrate how well and effectively the institutional bodies perform.

File Description	Documents
Paste link to Organogram on the institution webpage	http://nriit.edu.in/organization-chart/
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/mandatory-disclosure/

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	No File Uploaded

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

Welfare programmes for faculty and staff are important for both employee development and organizational growth. By fostering a positive environment and offering the welfare measures, a healthy and good retention ratio is maintained in the academic cadre.

- All employees receive free transportation
- Incentives, promotions, and increments are offered
- Maternity and Paternity leaves are offered.
- Provident fund for all employees who meet the eligibility requirements in accordance with governmental regulations
- All non-doctoral staff members are encouraged to enrol in a part-time Ph.D. programme.
- Management-funded training programmes are available for both teaching and non-teaching staff.
- Faculty are permitted to act as resource persons.
- There is a provision for medical leave and special casual leave.
- Highlighting faculty accomplishments in announcements, emails, and web pages
- Paid holidays at festivals like Pongal, Dussera, and summer
- Salary advance given for needy staff members.
- The security guards and peons are given uniforms.
- Free medical camps and vaccinations are provided to all faculties.
- Separate car parking for faculty.
- Subsidized canteen facilities are available.
- The staffs are encouraged to give suggestions and regular feedback to improve the welfare measures in the Institute.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://nriit.edu.in/welfare-measures/

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	
86	
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	
22	
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.)	
110	
File Description	Documents
Summary of the IQAC report	No File Uploaded
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	

Budgets for departments as well as the college level are approved by the Finance and Purchase Committee. The procedure for conduct of internal and external financial audit is as follows:

- Department's head receives a circular regarding budget proposal for the next academic year at every year end.
- Departmental Financial Plan Committee's prepare the budget and seek approval by HoD and forward to Finance Committee
- The approved budgets are sent to the Governing Council for approval
- The audit is performed by a chartered accountant and report is forwarded to management for review
- Authorities of management and a certified accountant sign the audited statement.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/audit-reports/

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)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

NRI Institute of Technology is a self-supporting organization. The institute follows a clear procedure to track the financial resources for academic work and infra structure

- Finance and Purchase committee fixes the budget for every academic year by collecting various inputs

- Grants from various funding agencies help in conduction of various programs and set up of laboratories
- Consultancy provides additional amount for smooth running of institution

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/budget-report/

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)

- The Academic Performance Index (API) and Annual Quality Assurance Reports (AQAR) are submitted by the faculty of each department by NRIIT. These reports are assessed to ensure quality and accountability. Wherever necessary, NRIIT engages into collaborative partnerships for the purposes of teaching, research, and extension education with other reputable institutions/organizations.
- Each department periodically reviews the curricula for its own or related fields. The flexibility of each discipline's curricula allows for the adoption of new technologies and delivery methods while continuing placing a strong emphasis on quality.
- Faculty are urged to enroll in elective or vocational courses in order to benefit from the NPTEL/quality-improvement SWAYAM's initiatives.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/iqac-initiatives/

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 frequently reviews and oversees the teaching-learning

process. The structures & methodology of operations, the teaching-learning process, and the learning outcomes are all reviewed on a regular basis.

- Institute and Department academic calendars are prepared at the beginning of every academic year based on University's calendar
- Faculty members create lesson plans for the courses allotted during the semesters
- The lecture notes and sessions are uploaded on the website
- Student feedbacks are received orally and online on the faculty, facilities provided by institution
- A consolidated report is prepared and necessary action is taken by the HoD and Principal
- Student performance is monitored periodically

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://nriit.edu.in/igac-initiatives/

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, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	http://nriit.edu.in/igac/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Number of gender equity promotion programs organized by the institution year wise during 2021-2022.

Safety and Security

NRIIT possesses a privileged right to promote higher education and to ensure women's empowerment through gender equity in education. Keeping this in mind, the college has transformed the campus into an oasis of safety.

- The security guards are deployed at proper places and their prime responsibility is to maintain continuous surveillance for arresting mischievous activities.
- CCTV cameras installed at vulnerable places enable the authorities to track every event .
- Internal Complaint Committee has also been established to foster an environment in which unlawful discrimination and harassment are not tolerated.
- Separate waiting rooms for girls and boys are hygienically maintained.
- Counselling and mentoring:

NRIIT arranges regular counseling sessions .

- To gain insight into the issues concerned with gender inequalities violence and insecurities faced by women employees and girl students

- To motivate girl students become strong enough to fight against any problem.
- To organize workshops and seminars for women development. To promote personality development, leadership quality and role of women in the society.

On the whole, the girl students of this Engineering College, are made strong individuals with independent thinking, career-oriented and are made ready to serve themselves as well as the society for a better tomorrow.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://nriit.edu.in/igac-initiatives/

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

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

Solid waste management:

For solid waste management, different bins have been placed in different departments and all class rooms. The institution practices the segregation of solid waste into dry and wet waste. The dry waste consists of paper, plastic, dry leaves etc., The dry leaves, twigs etc., are collected and decomposed in a compost pit which is used as manure for trees and plants. The wet waste like food waste, vegetable waste and fruit waste etc., are disposed.

Liquid waste management: The liquid waste produced from the canteen is allowed to go to the nearby trees. No harmful

chemicals are there in that water.

E-waste management: The E-waste include electric and electronic and electrical equipments including the connecting power plugs, cables and batteries which are regularly collected from source points, are sent to e-waste storage area. The e-waste includes out of order equipments or obsolete items like lab instruments, circuits, desktops, etc. All such equipment's which cannot be reused or recycled is being disposed of through vendors.

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	No File Uploaded

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**

A. Any 4 or All of the above

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	No File Uploaded
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: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	A. Any 4 or all of the above
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded
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 including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-	A. Any 4 or all of the above

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	No File Uploaded

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).

NRIIT provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, socioeconomic and other diversities. Efforts have been made by us for providing a healthy environment, promoting harmony and tolerance among the students. Moreover, we provide equal opportunities to the students in various activities conducted throughout the session irrespective of everything. Different sports and cultural activities organized in the college for promoting harmony among all. The events include Sankranti sambaraalu, along with important days like Women's Day and Yoga Day along with many regional festivals like Janamashtami, Eid, Holi, Navratri. There are different grievance redressal cells in the institute for both Student and Women and Anti-ragging cell which deal with grievances without considering anyone's racial or cultural background. Institute has code of ethics for students and a separate code of ethics for teachers and other employees which are followed by each one of them irrespective of everything. Various cultures are represented during the fests which depict sense of respect towards all the cultures. Every year "Constitution Day" is organized by the institution to spread Constitutional values and ideals among students.

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>At NRIIT, we believe in giving holistic all-round education to the students. And sensitizing students on our constitutional rights, values, duties and responsibilities is one of the primary educations given at the institute through various means. Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Many of the subjects offered have topics which sensitize the students about the constitutional obligations. The University has introduced a paper on the Constitution of India at U G level in all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation. As a part of strengthening the democratic values. Also, all students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc. Seminars on topics like Right to Information, Sexual Harassment, and Gender Equity are conducted periodically. The students of NRIIT study constitution of India as an optional paper which sensitizes the students about constitutional obligations. Independence Day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution</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	A. All of the above

programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 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	No File Uploaded

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

The institution organizes and celebrates special events annually to commemorate the birth and death anniversaries of Indian luminaries besides some events of national importance like Independence Day, Republic Day to respect our nation and its great personalities.

- Every Year College celebrates National Festivals i.e. Voter's day on 25th January is observed with the setting up of the Voter Awareness Forum.
- The birth anniversary of Sri Mokshagundam Visweswaraiiah is celebrated as Engineer's Day on the 15th September every year. The departments organize various technical competitions on this occasion.
- NRI Institute of Technology celebrates the Teachers'Day every year on September 5thin memory of Dr. S. Radha Krishnan, former President of India.
- The National Mathematics Day is celebrated on the 22nd December every year by the Department of Freshmen Engineering on the college campus to commemorate the birth anniversary of Sri Srinivasa Ramanujan.

- NSS unit of NRI Institute of Technology conducts events based on "Swachh Bharath - Swasth Bharat" a "Clean India Campaign" in and outside the campus as part of national drive on Gandhi Jayanti.
- International Women's day is also celebrated in our college on 8th March every year. The day is celebrated under auspices of women cell of the college.

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

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

Practice:1: Samardhyam

Objectives:

All class teachers are instructed to identify slow learners from their respective classes and conduct regular class tests and monitor their performances.

Context :

It's universally acknowledged across Institutions that there will be some students who will not follow, respond and perform up to required expectations to enhance their performances.

Practice:

Students who have not been performing up to satisfaction levels are segregated in separate class rooms. Revising important questions for better learning.

Output:

These remedial classes thus met with the expectation that's

clearly noted in the following results.

Practice 2: Naipunyam

Objectives:

1. All class teachers are instructed to register students to NPTEL courses.
2. Students will get access to distinguished faculty from IITs.

Context :

It's well-known fact students with good experience will have an edge over others in recruitment processes during campus placements to promote success rate of both academics and placements with help of NPTEL.

Practice:

Students who aim at improving their command on subject and practical knowledge in various subjects of learning are made to register for NPTEL, module created and supported AICTE.

Output:

NPTEL courses enable students to perform well in recruitment tests besides proving their efficiency in other competitive exams.

File Description	Documents
Best practices in the Institutional website	http://nriit.edu.in/iqac/best-practices/
Any other relevant information	Nil

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)

Title:Prasamsa

A very special feature of NRIIT which brought accolades from its stake holders and the society is 'SUCCESS MEET,'

celebration of students' success in placements. In March / April every year, NRIIT conducts a magnanimous celebration involving the final year placed students along with their parents. All the pre-final year students and their parents are also involved in this event for a complete understanding and motivation from the breezes of success that surround them on the respective day. The placed students are called upon stage along with their parents where our management appreciates the students and felicitates the parents with a shawl commemorating their wards' success. This heartening gesture takes the parents to cloud nine giving them a life-time memory. The students share their experiences of committed preparation during the days of placement training which blessed them with the initial step of achieving life settlement. Parents share their feedback about the well organized and systematic training imparted that enabled their ward's grand success. Their words of gratitude instill strong determination and focus in the minds of the pre-final years. This is truly a unique feature of the institution which makes us stand high in the locale.

File Description	Documents
Appropriate link in the institutional website	https://nriit.edu.in/nriit-news-events/
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- To facilitate continuous upgradation and updation of Knowledge & Use of Technology, by Faculty and Students.
- To create Additional Lecture Rooms by optimally utilizing the available space.
- To Introduce Job-oriented and Skill based courses.
- An effort to collaborate initiatives of Industry-Academia and Alumni for development of students.
- The institution plans to focus more on research and Development in the next Academic year by increasing the publications of faculty and also motivating student's community to write research papers.
- Planning to introduce series of programs like short term courses, workshops and certification courses in tune with the institution Mission to improve technical skill set.
- Encouraging students to participate in various events to ensure holistic development of personality
- Enhancing soft skills and Programming Skills Conducting Annual Technical Symposium and activities in various

clubs.

- Organizing various sports and Cultural Events Adopting nearby village to address societal issues by involving good number of students