



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	GURU NANAK INSTITUTE OF TECHNOLOGY (AUTONOMOUS)
• Name of the Head of the institution	Dr. Sreenatha Reddy Sakam
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08414202123
• Alternate phone No.	8096609821
• Mobile No. (Principal)	8096609821
• Registered e-mail ID (Principal)	principal.gnit@gniindia.org
• Address	Guru Nanak Institute of Technology (Autonomous), Village : Khanapur, Mandal : Manchal, Ibrahimpatnam, District: Ranga Reddy
• City/Town	Ibrahimpatnam
• State/UT	Telangana
• Pin Code	501506
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	20/12/2020
• Type of Institution	Co-education

• Location	Rural												
• Financial Status	Self-financing												
• Name of the IQAC Co-ordinator/Director	Dr. R. Dhanasekaran												
• Phone No.	9043793491												
• Mobile No:	9043793491												
• IQAC e-mail ID	dhanasekaran.megnit@gniindia.org												
3.Website address (Web link of the AQAR (Previous Academic Year)	http://gnithyd.ac.in/naac.html												
4.Was the Academic Calendar prepared for that year?	Yes												
• if yes, whether it is uploaded in the Institutional website Web link:	https://gnithyd.ac.in/pdf/aca/AcademicCalendars2021-22.pdf												
5.Accreditation Details													
<table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>A+</td> <td>3.31</td> <td>2019</td> <td>14/02/2020</td> <td>13/02/2030</td> </tr> </tbody> </table>		Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	A+	3.31	2019	14/02/2020	13/02/2030
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to								
Cycle 1	A+	3.31	2019	14/02/2020	13/02/2030								
6.Date of Establishment of IQAC	07/01/2013												
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. Dhanasekaran	Mentor-Mentee	IIC, MHRD	01/05/2021	225000
Dr. R. Dhanasekaran	STTP	AICTE	15/12/2020	300000
Dr. S. Sreenatha Reddy	MODROB	AICTE	26/03/2019	706000
Dr. S. Sreenatha Reddy	GOC	AICTE	14/03/2019	500000
Dr. S. Sreenatha Reddy	GOC	AICTE	09/08/2018	150000
Dr. R. Dhanasekaran	FDP	AICTE	25/07/2017	513000

8. Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File	
9.No. of IQAC meetings held during the year	4	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		

11. Significant contributions made by IQAC during the current year (maximum five bullets)	
Got UGC Autonomous Status for 10 years from 2020 to 2030	
Participated in NIRF and ARIIA Ranking	
Organized International Conferences (ICICSE 2021 and ICIECE 2021)	
Organized 99 events related to Innovation, Entrepreneurship, Startups and IPR	
Nil	
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
Academic audit for the year 2020-21	Academic audit has been done by internal and external members.
Improve the number of Patent publications	Number of Patent publications are increased
Improve the number of Journal Publication	Number of Journal publications are increased
Renovation of Girls Hostel	Girls' Hostel has been renovated
Innovation Cell Activities	More programs have conducted related to Innovation, Entrepreneurships, IPR and Startups
Renovation of solar panel on the top of college building and hostel building	Renovation of Solar Panel has been done.
13. Was the AQAR placed before the statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
Governing Council	22/08/2022
14. Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2022	14/02/2023

15. Multidisciplinary / interdisciplinary

Guru Nanak Institute of Technology (GNIT) has always strived for a multidisciplinary approach in its academic and co-curricular activities. Students are motivated to undergo Industrial Projects in the Multidisciplinary/ Interdisciplinary mode by formulating teams from different programmes. Students are also encouraged to formulate teams from diverse disciplines to participate in various technical activities like Technical Symposium, conference, ideathon, poster presentations etc.

As a multidisciplinary Institution, GNIT has a unique academic governance structure for programmes and course creation. The structure being organized at central level such that one faculty of each department makes it conducive for ensuring multidisciplinary/interdisciplinary. As a result, it is possible to offer courses drawn from various disciplines as a part of any Programme.

Pre-NEP, GNIT had a flexible approach when it came to introducing multidisciplinary approach in its programmes.

Plans for implementing NEP 2020:

1. GNIT has set up an Academic Council and Governing Body comprising of members from within the Institutions and two or three members external to the Institutions from the affiliating university and from the industry. The members have their discussion and brain storming meetings on initiatives and preparedness of the Institutions curriculum towards promoting multidisciplinary education. These groups of experts often meet and present their recommendations. Based on these recommendations, a road map for implementation of NEP for multidisciplinary education was created and modifications are

done from time to time.

2. A more nuanced Multidisciplinary- Interdisciplinary Assessment Tool is being developed for making the process in line with NEP. The Institution has taken the initiative of ensuring a minimum desired level of multidisciplinary across all its programmes. The suggested range would depend on the type and nature of the programme.
3. The different approaches to ensure multidisciplinary education include:
 1. Introduction of courses of different disciplines in the programme while retaining the core characteristic of the programme.
 2. Introduction of multidisciplinary projects where students specializing in different disciplines work towards a common project.
 3. Faculty can be trained to teach courses from multiple perspectives
 4. Encouraging students from different disciplines/institutes to enroll for a common course together to encourage peer to peer learning beyond disciplinary boundaries.
4. New courses are introduced, keeping an eye on the change in the marketplace and global demand. Thus in 2020-21 and 2021-22, new courses like Computer Science and Engineering (Artificial Intelligence and Machine Learning), Artificial Intelligence Data Sciences and Computer Science and Engineering (Data Science) have been started in the institute.

16.Academic bank of credits (ABC):

GNIT is in the process of mounting a system for executing Academic Bank of Credits in true spirit. ABC as envisioned in the National Educational Policy-2020 provides a national level facility promoting flexibility of curriculum framework along with other multidisciplinary ability of students across the Higher Education Institutions in the country with appropriate credit transfer mechanism created through these regulations.

GNIT already has the following in place-

- 1) Choice Based Credit System for all programmes
- 2) Well defined credit structure for all courses.
- 3) Programmes with wide choice of electives to students.

Action Plan for further implementation under NEP 2020:

- 1 .GNIT proposes to launch an intra GNIT- ABC scheme and offer more courses for credit transfer across all UG and PG programmes.
2. GNIT will identify courses to be offered to other participating Universities of the ABC scheme of UGC.

17.Skill development:

Skill development is the improvement of expertise in a given ability that can be applied in wide range of situations.

Basically two types of skills are defined as hard skill and soft skill. Hard skills are quantitative in nature, which can be seen in grades and percentage. Soft skills are exhibited by personal qualities like responsibility, self-esteem, sociability, self-Management and integrity/honesty.

Objectives: To strengthen our students' communication skill in accordance to corporate needs.

Activities for Faculty-members:

Need-based FDPs are curretted to train the in-service faculty members in three major areas:

1. GNIT empowers the faculty members by up skilling them in areas of active learning, differentiated instruction, alternative assessment, instructional design, outcome-based education, and hybrid mode of education as this is the need of the hour.
2. Faculty members are also trained to create Google classroom/ MOOCs.
3. GNIT regularly organizing the FDPs having focus on several areas of research, so as to enable them to produce good quality research. FDPs are designed to help faculty to engage meaningfully, to take up newer roles and also perform administrative duties as well.

Activities for students:

Regular communication skill classes for all the students from the day of entrance in to our campus.

1. Activities like critical thinking, case studies, Brain storming, Decision making, problem solving, effective presentation, versatile writer and an ability to collaborate and communicate along with sense of responsibility towards personal and society at large.
2. Regular Group Discussions, personality development programs, and interview skills for the final year students.
3. Communication skills classes for all the levels including various activities.
4. Engaging and motivating the learners to develop the vocabularies from first year onwards to speak and write in English without mistakes.

Action Plan for further implementation under NEP 2020:

For Students:

1. GNIT will offer a bouquet of skill courses ranging from entry level skills to highly specialized skills in each of the Faculties at GNIT.
2. GNIT will establish incubation centre at the campuses and collaborate with the industry to offer more skill enhancement courses so as to help students become entrepreneurs.

For Faculty:

GNIT will adopt a two-pronged approach to develop and transform faculty to adopt effective

teaching-learning evaluation and research practices:

1. Train the Trainer program for the existing faculty
2. An Induction Program for new faculty to train them in pedagogy and research techniques.

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

The institute is singularly lucky as it has its moorings in the Indian culture and heritage. A large number of students come to the Institute not only from adjoining states like Tamilnadu, Andhra-Pradesh but also from Bihar, Jharkhand, and north-eastern states like Manipur, Assam & Arunachal Pradesh etc. While conducting classes in English, demand from the students to explain matters in their mother language often comes. Faculty members explain subjects in Telugu and Tamil languages outside the classroom to the students who face any difficulty due to the English medium of communication in class. The institute organizes various orientation activities for all the students and give 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 Indian-ness while thinking globally and imparting state-of-the-art technological education to the students.

We have a mixture of students from Tamil, Malayalam and Telugu speaking Diaspora. Hence the college authorities allow the students to utilize their literary knowledge and culture to spread their love and affection.

Action Plan for further implementation under NEP 2020:

1. Outstanding local artists and crafts persons are invited as Artists-in-Residence and master instructors to promote local music, art, languages, and handicraft.
2. GNIT will host events, lecture series and performances open to the larger community to promote Indian Knowledge Systems, languages, culture and values.

3. Build a repository, a library and documentation centre, that will create pre-recorded teaching-learning material, e-content and documentaries that will allow for the spread and promotion of our heritage.

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

GNIT has adopted Outcome Based Education (OBE) for all its programmes. A programme has been adopted as a 'unit' for outcome based frame work implementation. Learning Outcomes have been appropriately defined at Programme level (POs/PSOs) and Course level (COs), and appropriate learning experiences are designed and delivered to facilitate attainment of the stated learning outcomes. Outcomes are assessed and attainment analytics are used to improve the academic quality.

Faculty members assess the performance of Students as per OBE attainment Process. The attainment for each course outcome is generally divided into two types:

1. Direct Assessment method
2. Indirect Assessment method.

The direct assessment is measured from internal assessment and external assessment. The internal assessment for each course is based on the student's knowledge skill and Student's academic performance in continuous internal assessment tests, seminars, classroom, laboratory assignments, semester examinations, etc. This method displays strong evidence for student's learning. The Indirect assessment is measured through course end survey. The target values for POs / PSOs attainment for the entire programme are reviewed and approved by DAC Meeting considering Pos / PSOs attainments of previous batches. The POs/ PSOs target level is revised after the attainment of three consecutive batches are achieved.

Action Plan for further implementation under NEP 2020:

1. The process outlined above would be further strengthened and attainment levels will continue to be monitored closely to modify the pedagogy and /or the evaluation, if necessary.
2. The mapping of indirect assessments and their attainment will now be the focus in the next phase of OBE implementation

20.Distance education/online education:

Online education has played a crucial role for the past three years in our students' lives because of Covid-19 pandemic situations. In online education, learners are adopted to the environment in learning through Google meet and to other platforms in which online education has broken the geographical barriers creating interaction of experts and students from distant geographies. Learners are motivated to interact with the experts which paved the way of adopting both online and regular mode of education. So, this new education policy promotes the blended learning system of learning. Online education strengthen the confidence of the learners and learners adapted to the situations that they could balance both online and off teaching - learning environment.

Extended Profile

1.Programme

1.1	12
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	3021
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	764
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	727
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 Number of courses in all programmes during the year:	380
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2 Number of full-time teachers during the year:	197
File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded
3.3 Number of sanctioned posts for the year:	197
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	503
4.2 Total number of Classrooms and Seminar halls	55
4.3 Total number of computers on campus for academic purposes	1187
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	786.18

Part B**CURRICULAR ASPECTS**

1.1 - Curriculum Design and Development

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

The institution has developed a curriculum for each programme according to the guidelines of AICTE, UGC and affiliating university in tune with PEOs, POs and PSOs of the institution which are in turn aligned with its vision and mission statements. The institution has meticulously drawn the PEOs keeping in view the needs of the nation and the society. Keeping the PEOs as a base, PSOs for each programme are charted out. Each department has a Board of Studies (BOS) that consists of senior faculty of the respective department, representatives from academia, industry, R & D organizations and nominee from the university. Bos members are involved to develop curriculum and course content with clear learning objectives that the curriculum meets the demands of local, regional, national and global development. The relevance of the curriculum to the developmental needs at various levels is provided below.

Local and regional developmental needs: The curriculum includes a number of courses in all the programmes aimed at enabling students to analyze the local and regional needs and provide possible solutions to them. The mini and major project work courses provide the students with an opportunity to understand and involve in developmental activities of the region.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion1/1.1.1-PO s,%20PSO s COs.pdf

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

3

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

334

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

48

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

12

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

The institution strongly believes that addressing crosscutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics have a direct impact on achieving the sustainable development of the nation. So, the institution takes a continuous effort in integrating cross-cutting issues to be an integral part of the curriculum to achieve holistic development of the students and to create a positive vibration on their study and societal commitment. The institution offers courses that integrate crosscutting issues as part of the curriculum prescribed by JNTUH. As a supplement of this endeavor, the institution also organizes various activities such as seminars, invited lectures, workshops, awareness programs etc, throughout the year as part of the curriculum that helps in integrating cross-cutting issues.

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

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

10

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

5908

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

785

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	https://gnithyd.ac.in/naac/agar-2021-22/criterion1/1.4.1%20-%20Structured%20feedback.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following **A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	https://gnithyd.ac.in/naac/agar-2021-22/criterion1/1.4.2%20-%20The%20feedback%20system%20and%20action%20taken.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile**

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

754

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)

503

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 provides special classes and counseling sessions which are arranged to these students as a part of academic support. Students are attached to counselors and the weak students are traced out for counseling. Before commencement of the session, admitted students are given special orientation classes to enable them to cope up with the syllabus of the course chosen by them. Bridge courses are conducted for 1st year students on subjects like Mathematics, English, Physics, Chemistry, Mechanics and Engineering Graphics etc. At the beginning of every semester, a few classes are conducted on certain concepts to strengthen the basics of the forth coming semester subject. Academically weak students are identified and special and tutorial classes are conducted. Students are attached to counselors and the weak students are traced out for counseling. Before commencement of the session, admitted students are given special orientation classes to enable them to cope up with the syllabus of the course chosen by them. During the break period, trainings are conducted to provide hands on experience in the latest technologies. Foundation courses like English and basics of the subjects are conducted for foreign students. English classes are conducted for some of the foreigners and students coming from rural

areas studied in local language.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.2.1%20Special%20Programmes.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2022	3021	197

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:

Every department organizes Workshops and Guest Lecturers to provide knowledge beyond curriculum. Academically weak students are identified, special and tutorial classes are conducted. During the break period, trainings are conducted to provide hands on experience in the latest technologies Foundation courses like English and basics of the subjects are conducted for foreign students. Special descriptive tests are being conducted by the respective faculty in regular intervals of academic calendars by which students performance is upgraded. The students are short listed for excellence by the department academic committee by means of various criterions such as mentors, class in charges, teachers etc. And they are encouraged to participate in various events across the country Weekly DAA sessions would be conducted up to the departmental level which tends the students to participate at inter college level and to cope up with their self confidence to achieve their goals Students are trained in such a manner that they would be eligible to phase aptitude exams through Pre-Placement Trainings (PPT) and also able to tackle any interview as they are given mock interview sessions by the experts.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.3.1%20Student-centric%20methods.pdf

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

Today, it is essential for the students to learn and master the latest technologies in order to be corporate-ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance and optimize the delivery of education. The following tools are used by the Institution.

ICT Tools: 1. Projectors 2. Desktop and Laptops

3. Printers 4. Photocopier machines 5. Scanners 6. Seminar Rooms 7. Smart Board 8. Auditorium

Use of ICT By Faculty A. PowerPoint Presentations- Faculties are encouraged to use powerpoint presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations. B. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students. C. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS. D. Video Conferencing- Students are counseled with the help of Zoom / Google meet applications. E. Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.3.2-%20-%20Teachers%20use%20ICT-enabled%20tools.pdf
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

161

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

The institution prepares the academic calendar every year in advance. The coverage of academic calendar covers the list of examination dates, Seminars, Conferences, Guest Lectures, Workshops and Industrial visits, Holidays, vacation dates, festivals, etc. Academic calendar provides the total effective working days available in a given semester. Then the director and senior colleagues prepare the time table by correlating the working days available and coverage of curriculum of the subjects. Thus the academic calendar monitors the effective delivery of the program with academic and business input. The faculties concerned prepare teaching plan for their respective subjects of 30 hours. These 30 hours are distributed among class room teaching, case studies, role play, workshops and lab session as per the subject requirements. These plans are made in advance and serves as guide for conducting sessions. The director and HODs check the progress of each course and ensures timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

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

197

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

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

27

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)

197

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

45

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

136

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

We, the college of GNIT run the courses through Regular Mode, mode of the examinations at the institute- Academic or examination module follows systematic workflow beginning for pre-examination setup, based on the Bloom's Taxonomy for assessment design we are conducting the Internals (assignments) for each unit by using the Google classroom. And we are conducting 2 mid examinations in every academic year by using Google link. As part of the smooth functioning of exams, we are using the "BEES" software. We are utilizing this software for giving grades to the students based on their effective performance, also we are using this software to enroll data of the students, also we are using this software for various smooth functions of the examination section such as for CGPA and SGPA calculations, for giving number of credits too. To mark the students' attendance we are using the ERP (Enterprise resource planning) software that organizations use to manage day-to-day activities of the students. However students securing more than 75% attendance in academic year. In addition, we are using IT in various smooth functioning of the college.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/agar-2021-22/criterion2/2.5.3%20IT%20Integration.pdf

2.6 - Student Performance and Learning Outcomes

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

The course outcomes were framed as per the syllabus prescribed/framed by the affiliating university while framing the course outcomes Bloom's taxonomy (modified) has been taken into consideration and appropriate action verbs were used. Around 6 course outcomes were prepared per each course. The course outcomes are mapped to the program outcomes and program specific outcomes. Each course outcome is correlated to all/some of the Program Outcomes and Program Specific Outcomes. The correlation levels on a scale of 1 to 3 are given for the mapped items. These correlation levels are determined by the subject experts in the department. Based on the CO-PO matrix, the correlation level of each course with all the program outcomes and program specific outcomes are determined. The course correlation level with a particular program outcome is obtained by calculating the average value of correlation levels of CO-1 to CO-N with the program outcome.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://gnithyd.ac.in/naac/agar-2021-22/criterion1/1.1.2%20-%20Number%20of%20Programmes.pdf

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

The course outcomes are prepared by using action verbs of modified Bloom's Taxonomy. All the course outcomes are prepared in such a way that they are measurable by means of written, oral skills, presentations etc. Course Co-coordinator gathers the data for evaluation of course outcomes are as follows.

i. Internal (Mid) Examinations: Two Mid Examinations are conducted for all the students in each semester as per the university prescribed norms. Mid-I is conducted from the units of first, second and 50% of third unit. Mid-II is conducted for remaining two and half units. Each question is related to one or more course outcomes. It is expected that a student should score at least 4 marks (60%) out of 6 marks for the attainment of that course outcome.

ii. **Assignment Questions:** About 5 assignment questions are given in each assignment. Each question is mapped to one or more course outcomes. Each assignment carries 5 marks. It is expected that a student should reach that course outcome. Unit wise assignments are given in each course.

iii. **End semester university examinations:** The question paper for each course is set by the affiliating university and for autonomous batch as per the academic regulations.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.6.2%20Attainment.pdf

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

558

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://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.6.3%20Pass%20Percentage%20of%20Students.pdf

2.7 - Student Satisfaction Survey

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

<https://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.7.1%20Student%20Satisfaction%20Survey.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Guru Nanak Institute of Technology is committed to provide the best research facility to our students and faculty members. It has set up many centers of excellence such as: IoT, Robotics, Adobe etc. solely aimed to promote research activities in the institute. There is an exclusive R&D department led by a senior professor as Dean and supported by many deputy Deans. Students and faculty members are motivated to publish their research papers in reputed peer reviewed journals and present their papers in reputed conferences. They are provided financial assistant for doing so. Faculty member's career growth like Promotions, etc. are also linked with their research activities. 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. There is a budgetary allocation of fund for promoting research activities in the institute.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://gnithyd.ac.in/naac/aqar-2021-22/criterion3/3.1.1%20-%20Research%20Promotion%20Policy.pdf
Any additional information	View File

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

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

2.3

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

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

12

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

3.2 - Resource Mobilization for Research

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

6.8

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

3.2.2 - Number of teachers having research projects during the year

10

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion3/3.2.2%20Research%20Projects.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

8

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.kwattsolutions.com/
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.

The Guru Nanak Institute of Technology (GNIT) has developed a very effective environment for the campus-wide promotion of innovation and entrepreneurship through many cells. Here are just a few of them:

1. Cell for the Development of Entrepreneurship

2. Research Incubation Cell**3. Students Participations in Hackathons****4. Institute Innovation Council (IIC)**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion3/3.3.1%20Innovation%20Ecosystem.pdf

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

63

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

3.4 - Research Publications and Awards

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

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

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**

1

File Description	Documents
URL to the research page on HEI website	https://gnithyd.ac.in/R-D-Center.html
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

36

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

16

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion3/3.4.4%20Books%20&%20Chapters.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year**

119

File Description	Documents
Any additional information	View File
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

7

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

3.5 - Consultancy

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

10.45

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

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

9.05

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

3.6 - Extension Activities

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

The following events are organized and held by NSS GNIT as extension programs during the academic year 2021-22.

1. NOT ME, BUT YOU (NSS Special Camp-7 days)
2. VRIKSH BANDHAN
3. HARITHA HARAM
4. AWARENESS ON ODF (Village Visit)
5. BLOOD DONATION CAMP
6. VILAGE SOCIAL SERVICE (Social Cohesion)
7. SAVE WATER & SAVE ENERGY

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion3/3.6.1%20Extension%20Activities.pdf

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

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

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

7

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

995

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

76

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)

13

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Institute is facilitated with a required number of classrooms, technology enabled learning spaces, seminar halls, laboratories, specialized facilities, equipment for teaching, learning and research etc. The college has also created an excellent ambience for extra curricular activity related to culture, creativity, arts and recreation. It takes adequate care to provide the state of art physical facilities. The College has established separate committees for Student Related Activities, NSS cell, Sexual Harassment cell, IIC and Women's Empowerment cells. A separate maintenance department looks after the maintenance of the physical facilities. A separate exam cell is being established for all exam related activities. Well laid out procedures are made available formaintenance of all departments. LabIn-charges take care of Lab equipment, consumables and machinery. Movement registers and maintenance registers are provided in each lab. Appropriate AMCs are signed for maintenance of advanced equipment.

Class rooms: The class rooms, Lecture halls, seminar halls are furnished with the state-of-arttechnology. Class rooms are furnished with LAN/ LCD facilities, Wi-Fi,Green boardsProjectorsand screens for Teaching.Lecture Hall can accommodate with 60number of students. All classrooms are well ventilated and equipped with furniture. Separate staff rooms are provided for staff. Cleaning and maintaining of class rooms, Laboratories corridors etc are taken care by house-keeping staff every day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion4/4.1.1%20Infrastructure%20&%20Physical%20Facilities.pdf

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

The college had earmarked 3.5 acres of land which is totally meant for physical education. The College consists of Outdoor games namely: Cricket, Volley Ball, Basket Ball, Throw Ball, Tennis and multipurpose ground for kabaddandi and Foot Ball. The college is provided with two storied Gymnasium for Indoor games with an area of 300 sq.mts for each floor which is furnished with Gymnasium and accommodating the indoor games like Table Tennis, Caroms, Chess etc, to hone the skills in the respective games as well as to enhance the physical fitness of the students and faculty. All equipments are in Good and working condition. The institution provides indoor game facilities for Table Tennis, Shuttle, and Badminton. Full Time qualified trainers, trains students in caroms, chess, table tennis and students participate in National tournaments.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion4/4.1.2%20Adequate%20Facilities.pdf

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

55

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)

175.89

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

Library has a stacking area of 215 Sq.m, reading area of 385 Sq.m, and seating area of 136. It has strong compatibility with JNTUH. Our Library services fulfil five laws of Library science. It is being maintained by the Librarian and is monitored by the Library Committee. The requirements are processed through this committee. Library is kept open for 10 hours on all working days and 7 hours on holidays. Library catalogue is displayed on Intranet. Rare books, manuscripts, e-journals, and other reference books are provided for students and faculties. The college has facility of lending of books home and reference books can be accessed at any time during working hours.

Automation is done using 'SOUL' software in the year 2009. The online bibliography database of the college library can be accessed through internet to search any particular title using the author's name, keyword or title itself. Through this software accessing for a membership, books, journals etc can be done.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion4/4.2.1%20Library%20Automation.pdf

4.2.2 - Institution has access to the following: e- A. Any 4 or more of the above 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)

20.75

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

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

450

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

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

Our Institution is very keen on updating IT facilities such as internet bandwidth, the configuration of computers, laptops, LCD projectors, ICT facilities, etc., to provide state of the art infrastructure for the teaching-learning process. The institution gives top priority to the state of the art infrastructural facility to enrich and facilitate effective teaching-learning practice. At the beginning of the academic year, the requirement for replacement and updating of existing IT accessories and the purchase of new equipment is collected from each department. The institute is very keen on upgrading internet bandwidth from time to time. Currently, internet bandwidth is increased to 1000 Mbps to provide fast internet access. WiFi facility is provided throughout the college. At present, the institute has 1187 systems in various laboratories to meet the requirements of curriculum and content beyond the curriculum to make them contemporary and industry-ready. Currently, the configuration of computers is upgraded significantly, where out of 1187 systems, 464 number of systems are upgraded to i5 configuration to meet the technological advancements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion4/4.3.1%20Institution%20IT%20Facilities.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3021	1187

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	View File

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	https://gnithyd.ac.in/naac/agar-2021-22/criterion4/4.3.4%20Institution%20facilities%20for%20e-content.pdf
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)

786.17

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

The college has created an excellent ambience for academic as well as administrative activities. It takes adequate care to provide the state of art physical facilities. A separate maintenance department looks after the maintenance of the physical facilities. Well laid out procedures are made available for maintenance of all

departments. Each lab has Lab-In charge to take care of Lab equipment's, consumables and machinery. Movement registers and maintenance registers are provided in each lab . Appropriate AMCs are signed for maintenance of advanced equipment. College is provided with required number of Class rooms. All classrooms are well ventilated and equipped with furniture and multi media facilities. Administrative officer takes care of maintenance of furniture, fans , lights etc. Separate house keeping staff is provided and they take care of cleaning and maintaining everyday. Labs are checked every week for any repairs. Equipments are cleaned on day by day basis. Separate floor incharges takes care of the maintenance of the respective floors.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion4/4.4.2%20Maintaining%20and%20Utilizing%20Facilities.pdf

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

1637

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

70

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

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

File Description	Documents
Link to Institutional website	https://gnithyd.ac.in/naac/agar-2021-22/criterion5/5.1.3%20Capacity%20Development%20and%20Skill%20Enhancement%20activities.pdf
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

1477

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' grievances Timely **A. All of the above**

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	View File

5.2 - Student Progression

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

546

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

55

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

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

67

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

12

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

The major activities conducted by the Student Council during the academic year 2021-22. They are IGNITE Tech Fest, Engineers' Day, Seminars, Conferences, Traditional Day, International Yoga Day, Harithaharam, Women's Day Graduation Day, Orientation Day

Internal Quality Assurance Cell. IQAC cell involves student representatives in development of quality culture in academic and other areas for the betterment of the students and institution. Class Committee: The class committee meeting discusses about resolving various issues. Anti- Ragging Cell: This cell creates awareness about Anti Ragging and ensures friendly environment between juniors and seniors. Library Advisory Committee: Student representatives provide their input for empowering the library resources and process. NSS Committee: It aims to involve maximum number of students in NSS activities. Sports & Cultural Committee: This committee encourages and promotes various sports and cultural activities.

Student Grievance Redressal Cell: This Cell involves student representatives in resolving issues and grievances of students Anti-Sexual Harassment Cell: It helps to sustain a healthy and congenial atmosphere to all the female students and staff members.

SC/ST Cell, Minority Cell, OBC cell: Student representatives in these cells bring the issues and avenues for empowerment of their communities into the notice of higher officials.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion5/5.3.2%20%20Student%20Council%20and%20Representation%20of%20Students.pdf

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

25

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	View File

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

It is a matter of pride that alumni of GNIT have a strong placement record which explains that our former students occupy various key positions and have a strong eminent history in the different walks of their life. The Institution has a registered Alumni association to strengthen the camaraderie and network among the alumni, faculty and the management. It conducts formal Alumni association meetings every year to reunite with their friends, faculty members and management, revitalize their memories and share market trends & needs to the prospective graduates. The institution has included our alumni as a significant part in many of the notable academic and administrative bodies such as Internal Quality Assurance Cell, Department Advisory Committee, Board of Studies, etc. Our Alumni play a significant role to

- Provide Career guidance, training services, and invited talk
- Promote R & D activities, projects and consultancy
- Facilitating internships, industrial visit, campus interviews for students
- Extend network of professional contacts.
- Promotion of institute's reputation in the society
- Get real

insight for the growth of the institution • Financial support through alumni contribution • Referrals for jobs by alumni • Guest lecturers and workshops by alumni

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/agar-2021-22/criterion5/5.4.1%20Alumni%20Association%20and%20its%20Chapters.pdf

5.4.2 - Alumni's financial contribution during the year E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The sole objective of the institution is to provide a perfect platform for students in the field of Technology and Management applications for their academic and overall personality development.

The mission of GURU NANAK INSTITUTE OF TECHNOLOGY is to tune the policies and objectives of Higher Education by maintaining academics with global standards and ethics. The institution maintains qualified and experienced faculty in every department, with an intended faculty-student ratio, to make the students technically strong, compete globally, and serve the Nation. Also, the Institution has a Placement Cell which strives for a good number of placements in reputed MNCs. Individual departments conduct International Conferences every year to enrich and promote research activities. All the departments have Advanced Centers and state-of-the-art laboratories for enhancing Engineering and Research skills. The curriculum and mode of training are in tune with the needs of the students and current technologies. Humanistic values in education are upheld in the classroom & college activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.gnithyd.ac.in/vision-mission.html

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

Nature of Governance

The Governance and Leadership of the Institution ensure that its Higher Education operations are functioning well by nurturing Decentralization and Participative decision-making process as the key factors. The governing body provides guidelines through the academic council to maintain high standards in imparting education by setting objectives relevant to policy, hiring quality professionals, rewarding the achievers, providing infrastructure, and facilities, and encouraging the best utilization of the resources.

Perspective Plans

The Institution focuses its Perspective Plans for the upcoming academic years based on Quality in Higher Education. Accordingly, the decision-making process and quality planning are articulated keeping in view the Vision and Mission. The Principal and faculty design a calendar of activities and the top management monitors its implementation providing the necessary support.

Participation of Teachers

Teachers play a major role in the decision-making, planning, and implementation, and perform the academic and administrative functions in various committees of the Institution. IQAC collects inputs from faculty from these committees while making strategic academic planning as the teacher is the key executor of it. The teacher also holds the responsibility of examining and assessing the students in a transparent way and in time with adherence to regulations.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/agar-2021-22/criterion6/6.1.2%20Effective%20leadership.pdf

6.2 - Strategy Development and Deployment

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

The college has prepared a Perspective Plan pertaining to the introduction of new academic programs, strengthening ICT-enabled Teaching-Learning, promotion of research and extension, development of required infrastructure, strengthening student support system, faculty empowerment, and environmental sustainability. The new labs are established for Emerging Technology Departments. Additionally, the implementation of the plan should have been regularly monitored and evaluated to ensure that progress was being made and that any issues or challenges were addressed in a timely manner. Feedback from stakeholders should have been incorporated into the plan as necessary, and adjustments should have been made as needed.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion6/6.2.1%20Strategic%20Plan.pdf
Upload any additional information	View File

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.

Talent Management includes Recruitment and Selection, Induction, Goal Setting, Performance Appraisal, and Faculty Development Programs. These procedures aim to retain employees and foster their continuous development of skills and competencies to achieve institutional long-term goals and institutional objectives.

i. **Recruitment and Selection:** Recruitment and Selection is the paramount importance in order to recruit staff with the proper skills and attributes to enable the institution to fulfill its objectives. Being apart, the institution adheres to the UGC Guidelines attracting the right talent through the panel of Staff Selection Committee.

ii. **Induction:** The incumbent who got shortlisted will then join the GNI Group with proper onboarding and induction formalities.

iii. **Goal Setting:** Each faculty member prepares his/her profile in coordination with HOD/Associate Director/Director/Principal which details his/her attributes, research activities, books published, etc, and sets goals for the next year. The strategy of being SMART (S-Specific, M-Measurable, A-Achievable, R-Realistic, and T-Time bound) is followed in Setting individual goals in line with institutional goals. It is imperative to understand the importance of goal setting, which is to grow and expand the department in terms of its departmental goals, student success, and own career.

File Description	Documents
Paste link to Organogram on the institution webpage	https://gnithyd.ac.in/pdf/Governing%20Body-GNIT.pdf
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion6/6.2.2%20Function%20of%20Institution%20Bodies.pdf

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

Teaching:

- Subsidized bus facilities for the teaching staff members from all parts of Hyderabad
- Subsidized accommodation (staff quarters) inside the campus
- Provident fund facility is provided to eligible faculty members of the institution.
- Resident Nursing Facility for faculties inside the campus.
- Insurance for teaching staff members.
- Financial assistance to meet emergency medical expenses of staff & family members.
- Medical leaves, Paternity Leaves, and Maternity Leaves
- The short-term advance loan
- Sponsorship and Leave for faculties for doing higher studies and attending conferences, development programs, seminars, etc.
- Free mobile facility for eligible selective staff members.
- Financial assistance to procure laptops

Non-Teaching

- Subsidized bus facilities for the non-teaching staff members from all parts of Hyderabad
- Insurance for employees and drivers
- Financial assistance to meet emergency medical expenses of staff & family members.
- Medical leaves, Paternity Leaves, and Maternity Leaves
- The short-term advance loan.
- Well equipped Sports and Gym facilities are provided.
- RO drinking water at various locations along with water dispensers.

Students

- RO drinking water at various locations along with water dispensers.
- Bank facility on the campus.
- Well equipped Sports and Gym facilities are provided
- Nursing and medical facilities for any kind of medical emergency.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/hr-policy.pdf

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

132

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

97

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.)

192

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Institution preparation and fair financial statements in accordance with accounting principles generally accepted in the Indian accounting standard; this includes the design, implementation, and maintenance of internal control relevant that are free from material misstatement, whether due to fraud or error.

The institution has an independent Chartered Accountant for Internal and External audit processes and designed SOP (standard Operational Procedure) for Payment and other financial-related activities. They conduct an audit of all financial transactions of the Institutions. The Institute payment process will do only after the authentication of the internal audit team.

Institute has a separate Purchase committee for fixed asset procurement, reviewing comparative statements to finalize the purchases, and an internal audit to check assets classification and serial number for bookkeeping and future records. The Audit party also checks whether accounting standards have been followed for true and fair disclosure of financial statements. The audit also checks budgetary compliances. The Internal Audit is conducted quarterly to ensure timely and proper deposit of statutory dues, budgetary control, compliance of sanctions and approvals, check for any payment irregularity, etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion6/6.4.1%20Audit.pdf

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)

2.2

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

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

The Institution is self-financed through the revenue generated from the operational activities except for select Capital Expenditure for which the Government provides nonplan grants. The main sources of revenues are fees received from students, hostel fees, and Income from executing research projects conducted by GNIT for various organizations. The institute also generates income from its investments. The main expenditures are incurred for running and maintaining the academic programs of the institute which include Staff salary, General overheads, General maintenance, Library, Database, etc. The excess of income over expenditure is built into a corpus as a cushion to take care of the contingencies.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion6/6.4.3%20Mobilisation%20of%20Funds.pdf

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 continuous quality monitoring process, GNIT got Autonomous status from 2020-21 to 2030-31, i.e. 10 years.

A course (Non-Credit) on "Internship" has been proposed for the First year students to be aware of the industry needs.

The CIIRD infrastructure has been developed, which will offer special projects from First year to Third-year students to do their innovative ideas to prototype models.

Activated the Institution's Innovation Council 3.0 and conducted 99 various programs related to Innovation, Entrepreneurship, Startups, and IPR and got 4 Star rating with 86.88 reward points.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/IOAC.html

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

The continuous quality monitoring process, GNIT got Autonomous status from 2020-21 to 2030-31, i.e. 10 years.

A course (Non-Credit) on "Internship" has been proposed for the First year students to be aware of the industry needs.

The CIIRD infrastructure has been developed, which will offer special projects from First year to Third-year students to do their innovative ideas to prototype models.

Activated the Institution's Innovation Council 3.0 and conducted 99 various programs related to Innovation, Entrepreneurship, Startups, and IPR and got 4 Star rating with 86.88 reward points.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/IOAC/Minutes of Meeting/2021-22.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used

A. Any 4 or all of the above

**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)**

File Description	Documents
Paste the web link of annual reports of the Institution	https://gnithyd.ac.in/IOAC.html
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

We, the faculty of GNIT have taken various initiatives to promote gender equality. As part of this mission, various kinds of activities were held on the premises of GNIT. We have done various programs related to "Gender Sensitization". Including 13 major programs like an awareness program on women's safety, a Program on International Girl Child Day, Gender Equality, a program on the Elimination of violence against women, a She-team for women's safety, and many more events conducted in the college auditorium. Many students from various departments attended all events and they made it successful with so much enthusiasm. Particularly, while conducting the International Women's Day celebrations we found an unforgettable response from the students they explored their views on women's freedom and mobility in the workplace and they suggested many innovative procedures to implement Gender Equality among the students.

An event of visiting "facilities for girls' students - there is a gym for the Girls' Students, and they are provided with sophisticated equipment. Separate mess for them and ample food is provided. Wife facilities are installed in their Hostel Blocks to enrich their Knowledge. International Women's Day celebrations and

FDP on women empowerment- as part of the International Women's health insurance Day celebration cultural events were held on the premises of GNI.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/agar-2021-22/criterion7/7.1.1%20Measure%20for%20Promotion%20of%20gender%20equity.pdf

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

A. Any 4 or All of the above

Biogas plant

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

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

Solid Waste Management is the discipline concerned with the control of solid waste generation, collection, storage, transfer and transport, processing, and disposal in accordance with best practices. The effective waste management system was implemented with the help of students, faculty, and cleaning staff, as well as with clearly defined procedures. Within the Mess / Hostel campus, there are well-maintained and functional Biogas Plants that process biodegradable waste for biogas production. The plant's main inputs are biodegradable solid wastes and food left over from the mess and canteens. The plant can also process sewage waste from various sources. Solid waste management is the discipline concerned with the management of solid waste generation, collection, storage, transfer and transport, processing, and disposal in accordance with best practices.

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

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

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

7.1.5 - Green campus initiatives include

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

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

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

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	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage 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	View File
Any other relevant information	View File

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

GNIT has organized numerous events, including BRUMOUS FIESTA21, Rangoli competitions, and Dandiya and Annual Day celebrations. The institute is making deliberate efforts to create a welcoming environment. Those actions are to encourage improved education, economic elevation for the poor and societal harmony. To raise the villagers' understanding of environmental and ethical issues, the institute has held lectures there. The goal of the extended activities is to provide an atmosphere where students can develop holistically. The institute has long been at the vanguard of educating students about the socioeconomic, racial, linguistic, and cultural diversity of the state and the country. Many activities and sports were held on campus, and we received positive feedback from students in several departments, including boys and girls. We conducted many Cultural events on campus like the Traditional Day, as part of this NSS program we students participated in the Clean India camp. All the Department students Celebrated Freshers and Farewell Day

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:

Human values and professional ethics are employed to instill in engineering students a sense of responsibility that will help advance society. Guru Nanak Institute of Technology is dedicated to

not only producing talented engineers but also engineers with strong human values and ethical standards. As a result, 12 programmes are being offered to students this academic year to help them understand the value of developing both personal and professional ethics

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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	View File

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

India is known for its rich cultural heritage. It is a diverse country with people of various religions and various cultural beliefs. All the commemorative days are celebrating in GNIT campus. People of different religions practise different cultures and traditions. Every event is dedicated to the celebration of brotherhood. Every religion has its own religious beliefs and customs. Celebrating festivals with family and friends is a joyous

occasion that brings us all closer together. We forget about the hatred and enmity and just remember the love and respect we have for one other. Every year, GNIT celebrates all the festivals to spread love and pleasure. Before every festival, GNIT start their preparations a few days earlier. On the occasion of Dussehra festival, students draw rangolis, decorate their class rooms and Labs with flowers and also worship the goddesses Durga Devi to bring peace and positivity.

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	View File

7.2 - Best Practices

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

Best practices are those which add values to human life and support main cause of the institution. Its helps in development of institution - a source means to perform social responsibility. It can change the life of whole institution as well as individual stake holders. The vision of our college is that the students who enter the portal of this Temple of learning to enlighten the students in excellence in higher education and research. In order to fulfil our role, we engage our students in various tasks which can be labelled as best practices. At the beginning of every academic year, the committee prepares its action plan for conduction pre placement training classes to enhance students' soft skills such as communication, fluency in language, presentation, organizing skills, leadership skills so as to prepare them for their profession. Some best practices of the Institution are PrePlacement Training to enhance the Aptitude, Soft Skills and Technical Skills for Undergraduate students, Add-on Certification Courses to enhance Pre-Placement Training to enhance the Aptitude, Soft Skills and Technical Skills for Undergraduate students. This training aims to develop the students into complete professionals. It provides personality development, communication skills, resume preparation, aptitude test, interview skills, and group discussion activities to the students.

File Description	Documents
Best practices in the Institutional website	https://gnithyd.ac.in/naac/aqar-2021-22/criterion7/7.2.1%20Best%20Practices.pdf
Any other relevant information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion7/7.2.1%20Best%20Practices%20Relevant%20Information.pdf

7.3 - Institutional Distinctiveness

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

The area of distinction for Guru Nanak Institution of Technology developing competency in faculty members. The College conducts regular training programmes to develop competencies. The training needs of the faculties are identified through a competency skill matrix and trainers are arranged for the training programmes. Seminars, workshops, conferences etc. are organized by the College every year. The library of the College has an excellent collection of reference books and journals which are available to the faculty members. WIFI facility is also provided. The College has instituted Seed Money for research. This was introduced to encourage teachers to take up research. The College regularly conducts research workshops to familiarize the new teachers with the research process and sharpen the skills of the senior teachers. The management and Principal encourage the teaching staff to take up Minor and Major research projects. Any help needed in this direction is extended by the Management. Faculty members are regularly sent for Orientation/Refresher/Short Term Courses as per their requirements. No stone is left unturned in order to develop the competency of teachers.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The institution has developed a curriculum for each programme according to the guidelines of AICTE, UGC and affiliating university in tune with PEOs, POs and PSOs of the institution which are in turn aligned with its vision and mission statements. The institution has meticulously drawn the PEOs keeping in view the needs of the nation and the society. Keeping the PEOs as a base, PSOs for each programme are charted out. Each department has a Board of Studies (BOS) that consists of senior faculty of the respective department, representatives from academia, industry, R & D organizations and nominee from the university. Bos members are involved to develop curriculum and course content with clear learning objectives that the curriculum meets the demands of local, regional, national and global development. The relevance of the curriculum to the developmental needs at various levels is provided below.

Local and regional developmental needs: The curriculum includes a number of courses in all the programmes aimed at enabling students to analyze the local and regional needs and provide possible solutions to them. The mini and major project work courses provide the students with an opportunity to understand and involve in developmental activities of the region.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion1/1.1.1-PO_s,%20PSO_s_COs.pdf

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

3

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

334

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

48

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

12

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

The institution strongly believes that addressing crosscutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics have a direct impact on achieving the sustainable development of the nation. So, the institution takes a continuous effort in integrating cross-cutting issues to be an integral part of the curriculum to achieve holistic development of the students and to create a positive vibration on their study and societal commitment. The institution offers courses that integrate crosscutting issues as part of the curriculum prescribed by JNTUH. As a supplement of this endeavor, the institution also organizes various activities such as seminars, invited lectures, workshops, awareness programs etc, throughout the year as part of the curriculum that helps in integrating cross-cutting issues.

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

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

10

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

5908

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

785

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	https://gnithyd.ac.in/naac/agar-2021-22/criterion1/1.4.1%20-%20Structured%20feedback.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://gnithyd.ac.in/naac/agar-2021-22/criterion1/1.4.2%20-%20The%20feedback%20system%20and%20action%20taken.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

754

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)

503

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 provides special classes and counseling sessions which are arranged to these students as a part of academic support. Students are attached to counselors and the weak students are traced out for counseling. Before commencement of the session, admitted students are given special orientation classes to enable them to cope up with the syllabus of the course chosen by them. Bridge courses are conducted for 1st year students on subjects like Mathematics, English, Physics, Chemistry, Mechanics and Engineering Graphics etc. At the beginning of every semester, a few classes are conducted on certain concepts to strengthen the basics of the forth coming semester subject. Academically weak students are identified and special and tutorial classes are conducted. Students are attached to counselors and the weak students are traced out for counseling. Before commencement of the session, admitted students are given special orientation classes to enable them to cope up with the syllabus of the course chosen by them. During the break period, trainings are conducted to provide hands on experience in the latest technologies. Foundation courses like English and basics of the subjects are conducted for foreign students. English classes are conducted for some of the foreigners and students coming from rural areas studied in local language.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion2/2.2.1%20Special%20Programmes.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2022	3021	197

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:

Every department organizes Workshops and Guest Lecturers to provide knowledge beyond curriculum. Academically weak students are identified, special and tutorial classes are conducted. During the break period, trainings are conducted to provide hands on experience in the latest technologies Foundation courses like English and basics of the subjects are conducted for foreign students. Special descriptive tests are being conducted by the respective faculty in regular intervals of academic calendars by which students performance is upgraded. The students are short listed for excellence by the department academic committee by means of various criterions such as mentors, class in charges, teachers etc. And they are encouraged to participate in various events across the country Weekly DAA sessions would be conducted up to the departmental level which tends the students to participate at inter college level and to cope up with their self confidence to achieve their goals Students are trained in such a manner that they would be eligible to phase aptitude exams through Pre-Placement Trainings (PPT) and also able to tackle any interview as they are given mock interview sessions by the experts.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.3.1%20Student-centric%20methods.pdf

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

Today, it is essential for the students to learn and master the latest technologies in order to be corporate-ready. As a consequence, teachers are combining technology with traditional mode of instruction to engage students in long term learning.

College uses Information and Communication Technology (ICT) in education to support, enhance and optimize the delivery of education. The following tools are used by the Institution.

ICT Tools: 1. Projectors 2. Desktop and Laptops

3. Printers 4. Photocopier machines 5. Scanners 6. Seminar Rooms
7. Smart Board 8. Auditorium

Use of ICT By Faculty A. PowerPoint Presentations- Faculties are encouraged to use powerpoint presentations in their teaching by using LCD's and projectors. They are also equipped by digital library, online search engines and websites to prepare effective presentations. B. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students. C. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS. D. Video Conferencing- Students are counseled with the help of Zoom / Google meet applications. E. Video lecture- Recording of video lectures is made available to students for long term learning and future referencing.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.3.2-%20Teachers%20use%20ICT-enabled%20tools.pdf
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

161

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

The institution prepares the academic calendar every year in advance. The coverage of academic calendar covers the list of examination dates, Seminars, Conferences, Guest Lectures, Workshops and Industrial visits, Holidays, vacation dates, festivals, etc. Academic calendar provides the total effective working days available in a given semester. Then the director and senior colleagues prepare the time table by correlating the working days available and coverage of curriculum of the subjects. Thus the academic calendar monitors the effective delivery of the program with academic and business input. The faculties concerned prepare teaching plan for their respective subjects of 30 hours. These 30 hours are distributed among class room teaching, case studies, role play, workshops and lab session as per the subject requirements. These plans are made in advance and serves as guide for conducting sessions. The director and HODs check the progress of each course and ensures timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

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

197

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

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

27

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)

197

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

45

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

136

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

We, the college of GNIT run the courses through Regular Mode, mode of the examinations at the institute- Academic or examination module follows systematic workflow beginning for pre-examination setup, based on the Bloom's Taxonomy for assessment design we are conducting the Internals (assignments) for each unit by using the Google classroom. And we are conducting 2 mid examinations in every academic year by using Google link. As part of the smooth functioning of exams, we are using the "BEES" software. We are utilizing this software for giving grades to the students based on their effective performance, also we are using this software to enroll data of the students, also we are using this software for various smooth functions of the examination section such as for CGPA and SGPA calculations, for giving number of credits too. To mark the students' attendance we are using the ERP (Enterprise resource planning) software that organizations use to manage day-to-day activities of the students. However students securing more than 75% attendance in academic year. In addition, we are using IT in various smooth functioning of the college.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.5.3%20IT%20Integration.pdf

2.6 - Student Performance and Learning Outcomes

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

The course outcomes were framed as per the syllabus

prescribed/framed by the affiliating university while framing the course outcomes Bloom's taxonomy (modified) has been taken into consideration and appropriate action verbs were used. Around 6 course outcomes were prepared per each course. The course outcomes are mapped to the program outcomes and program specific outcomes. Each course outcome is correlated to all/some of the Program Outcomes and Program Specific Outcomes. The correlation levels on a scale of 1 to 3 are given for the mapped items. These correlation levels are determined by the subject experts in the department. Based on the CO-PO matrix, the correlation level of each course with all the program outcomes and program specific outcomes are determined. The course correlation level with a particular program outcome is obtained by calculating the average value of correlation levels of CO-1 to CO-N with the program outcome.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion1/1.1.2-%20Number%20of%20Programmes.pdf

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

The course outcomes are prepared by using action verbs of modified Bloom's Taxonomy. All the course outcomes are prepared in such a way that they are measurable by means of written, oral skills, presentations etc. Course Co-coordinator gathers the data for evaluation of course outcomes are as follows.

i. **Internal (Mid) Examinations:** Two Mid Examinations are conducted for all the students in each semester as per the university prescribed norms. Mid-I is conducted from the units of first, second and 50% of third unit. Mid-II is conducted for remaining two and half units. Each question is related to one or more course outcomes. It is expected that a student should score at least 4 marks (60%) out of 6 marks for the attainment of that course outcome.

ii. **Assignment Questions:** About 5 assignment questions are given in each assignment. Each question is mapped to one or more course

outcomes. Each assignment carries 5 marks. It is expected that a student should reach that course outcome. Unit wise assignments are given in each course.

iii. End semester university examinations: The question paper for each course is set by the affiliating university and for autonomous batch as per the academic regulations.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.6.2%20Attainment.pdf

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

558

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://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.6.3%20Pass%20Percentage%20of%20Students.pdf

2.7 - Student Satisfaction Survey

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

<https://gnithyd.ac.in/naac/aqar-2021-22/criterion2/2.7.1%20Student%20Satisfaction%20Survey.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Guru Nanak Institute of Technology is committed to provide the best research facility to our students and faculty members. It has set up many centers of excellence such as: IoT, Robotics, Adobe etc. solely aimed to promote research activities in the institute. There is an exclusive R&D department led by a senior professor as Dean and supported by many deputy Deans. Students and faculty members are motivated to publish their research papers in reputed peer reviewed journals and present their papers in reputed conferences. They are provided financial assistant for doing so. Faculty member's career growth like Promotions, etc. are also linked with their research activities. 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. There is a budgetary allocation of fund for promoting research activities in the institute.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://gnithyd.ac.in/naac/agar-2021-22/criterion3/3.1.1%20-%20Research%20Promotion%20Policy.pdf
Any additional information	View File

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

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

2.3

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

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

12

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

3.2 - Resource Mobilization for Research

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

6.8

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

3.2.2 - Number of teachers having research projects during the year

10

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion3/3.2.2%20Research%20Projects.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

8

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

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.kwattsolutions.com/
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.

The Guru Nanak Institute of Technology (GNIT) has developed a very effective environment for the campus-wide promotion of innovation and entrepreneurship through many cells. Here are just a few of them:

1. Cell for the Development of Entrepreneurship

2. Research Incubation Cell**3. Students Participations in Hackathons****4. Institute Innovation Council (IIC)**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion3/3.3.1%20Innovation%20Ecosystem.pdf

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

63

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

3.4 - Research Publications and Awards

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

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

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**

1

File Description	Documents
URL to the research page on HEI website	https://gnithyd.ac.in/R-D-Center.html
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

36

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

16

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion3/3.4.4%20Books%20&%20Chapters.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year**

119

File Description	Documents
Any additional information	View File
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

7

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

3.5 - Consultancy

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

10.45

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

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

9.05

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

3.6 - Extension Activities

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

The following events are organized and held by NSS GNIT as extension programs during the academic year 2021-22.

1. NOT ME, BUT YOU (NSS Special Camp-7 days)
2. VRIKSH BANDHAN
3. HARITHA HARAM
4. AWARENESS ON ODF (Village Visit)
5. BLOOD DONATION CAMP
6. VILAGE SOCIAL SERVICE (Social Cohesion)
7. SAVE WATER & SAVE ENERGY

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion3/3.6.1%20Extension%20Activities.pdf

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

10

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

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

7

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

995

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

76

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)

13

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Institute is facilitated with a required number of classrooms, technology enabled learning spaces, seminar halls, laboratories, specialized facilities, equipment for teaching, learning and research etc. The college has also created an excellent ambience for extra curricular activity related to culture, creativity, arts and recreation. It takes adequate care to provide the state of art physical facilities. The College has established separate committees for Student Related Activities, NSS cell, Sexual Harassment cell, IIC and Women's Empowerment cells. A separate maintenance department looks after the maintenance of the physical facilities. A separate exam cell is being established for all exam related activities. Well laid out procedures are made available formaintenance of all departments. LabIn-charges take care of Lab equipment, consumables and machinery. Movement registers and maintenance registers are provided in each lab. Appropriate AMCs are signed for maintenance of advanced equipment.

Class rooms: The class rooms, Lecture halls, seminar halls are furnished with the state-of-arttechnology. Class rooms are furnished with LAN/ LCD facilities, Wi-Fi,Green boardsProjectorsand screens for Teaching.Lecture Hall can accommodate with 60number of students. All classrooms are well ventilated and equipped with furniture. Separate staff rooms are provided for staff. Cleaning and maintaining of class rooms, Laboratories corridors etc are taken care by house-keeping staff every day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion4/4.1.1%20Infrastructure%20&%20Physical%20Facilities.pdf

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

The college had earmarked 3.5 acres of land which is totally meant for physical education. The College consists of Outdoor games namely: Cricket, Volley Ball, Basket Ball, Throw Ball, Tennikoit and multipurpose ground for kabaddandi and Foot Ball. The college is provided with two storied Gametron for Indoor games with an area of 300 sq.mts for each floor which is furnished with Gymnasium and accommodating the indoor games like Table Tennis, Caroms, Chess etc, to horn the skills in the respective games as well as to enhance the physical fitness of the students and faculty. All equipments are in Good and working condition. The institution provides indoor game facilities for Table Tennis, Shuttle, and Badminton. Full Time qualified trainers, trains students in caroms, chess, table tennis and students participate in National tournaments.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion4/4.1.2%20Adequate%20Facilities.pdf

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

55

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)

175.89

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

Library has a stacking area of 215 Sq.m, reading area of 385 Sq.m, and seating area of 136. It has strong compatibility with JNTUH. Our Library services fulfil five laws of Library science. It is being maintained by the Librarian and is monitored by the Library Committee. The requirements are processed through this committee. Library is kept open for 10 hours on all working days and 7 hours on holidays. Library catalogue is displayed on Intranet. Rare books, manuscripts, e-journals, and other reference books are provided for students and faculties. The college has facility of lending of books home and reference books can be accessed at any time during working hours.

Automation is done using 'SOUL' software in the year 2009. The online bibliography database of the college library can be accessed through internet to search any particular title using the author's name, keyword or title itself. Through this software accessing for a membership, books, journals etc can be done.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion4/4.2.1%20Library%20Automation.pdf

**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)

20.75

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

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

450

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

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

Our Institution is very keen on updating IT facilities such as internet bandwidth, the configuration of computers, laptops, LCD projectors, ICT facilities, etc., to provide state of the art infrastructure for the teaching-learning process. The institution gives top priority to the state of the art infrastructural facility to enrich and facilitate effective teaching-learning practice. At the beginning of the academic year, the requirement for replacement and updating of existing IT accessories and the purchase of new equipment is collected from each department. The institute is very keen on upgrading internet bandwidth from time to time. Currently, internet bandwidth is increased to 1000 Mbps to provide fast internet access. WiFi facility is provided throughout the college. At present, the institute has 1187 systems in various laboratories to meet the requirements of curriculum and content beyond the curriculum to make them contemporary and industry-ready. Currently, the configuration of computers is upgraded significantly, where out of 1187 systems, 464 number of systems are upgraded to i5 configuration to meet the technological advancements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion4/4.3.1%20Institution%20IT%20Facilities.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3021	1187

File Description	Documents
Upload any additional information	View File

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

A. 50 Mbps

on campus	
File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File
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	https://gnithyd.ac.in/naac/agar-2021-22/criterion4/4.3.4%20Institution%20facilities%20for%20e-content.pdf
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)	
786.17	
File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File
4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.	
The college has created an excellent ambience for academic as well as administrative activities. It takes adequate care to provide the state of art physical facilities. A separate maintenance department looks after the maintenance of the	

physical facilities. Well laid out procedures are made available for maintenance of all departments. Each lab has Lab-In charge to take care of Lab equipment's, consumables and machinery. Movement registers and maintenance registers are provided in each lab . Appropriate AMCs are signed for maintenance of advanced equipment. College is provided with required number of Class rooms. All classrooms are well ventilated and equipped with furniture and multi media facilities. Administrative officer takes care of maintenance of furniture, fans , lights etc. Separate house keeping staff is provided and they take care of cleaning and maintaining everyday. Labs are checked every week for any repairs. Equipments are cleaned on day by day basis. Separate floor incharges takes care of the maintenance of the respective floors.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion4/4.4.2%20Maintaining%20and%20Utilizing%20Facilities.pdf

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

1637

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

70

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://gnithyd.ac.in/naac/agar-2021-22/criterion5/5.1.3%20Capacity%20Development%20and%20Skill%20Enhancement%20activities.pdf
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

1477

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

A. All of the above

submission of online/offline students' 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	View File

5.2 - Student Progression

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

546

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

55

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

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

67

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**

12

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

The major activities conducted by the Student Council during the academic year 2021-22. They are IGNITE Tech Fest, Engineers' Day, Seminars, Conferences, Traditional Day, International Yoga Day, Harithaharam, Women's Day Graduation Day, Orientation Day

Internal Quality Assurance Cell. IQAC cell involves student representatives in development of quality culture in academic and other areas for the betterment of the students and institution. Class Committee: The class committee meeting discusses about resolving various issues. Anti- Ragging Cell: This cell creates awareness about Anti Ragging and ensures friendly environment between juniors and seniors. Library Advisory Committee: Student representatives provide their input for empowering the library resources and process. NSS Committee: It aims to involve maximum number of students in NSS activities. Sports & Cultural Committee: This committee encourages and promotes various sports and cultural activities.

Student Grievance Redressal Cell: This Cell involves student representatives in resolving issues and grievances of students
Anti-Sexual Harassment Cell: It helps to sustain a healthy and

congenial atmosphere to all the female students and staff members.

SC/ST Cell, Minority Cell, OBC cell: Student representatives in these cells bring the issues and avenues for empowerment of their communities into the notice of higher officials.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion5/5.3.2%20%20Student%20Council%20and%20Representation%20of%20Students.pdf

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

25

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	View File

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

It is a matter of pride that alumni of GNIT have a strong placement record which explains that our former students occupy various key positions and have a strong eminent history in the different walks of their life. The Institution has a registered Alumni association to strengthen the camaraderie and network among the alumni, faculty and the management. It conducts formal Alumni association meetings every year to reunite with their friends, faculty members and management, revitalize their memories and share market trends & needs to the prospective graduates. The institution has included our alumni as a significant part in many of the notable academic and administrative bodies such as Internal Quality Assurance Cell, Department Advisory Committee, Board of Studies, etc. Our Alumni

play a significant role to • Provide Career guidance, training services, and invited talk • Promote R & D activities, projects and consultancy • Facilitating internships, industrial visit, campus interviews for students • Extend network of professional contacts. • Promotion of institute's reputation in the society • Get real insight for the growth of the institution • Financial support through alumni contribution • Referrals for jobs by alumni • Guest lecturers and workshops by alumni

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/agar-2021-22/criterion5/5.4.1%20Alumni%20Association%20and%20its%20Chapters.pdf

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The sole objective of the institution is to provide a perfect platform for students in the field of Technology and Management applications for their academic and overall personality development.

The mission of GURU NANAK INSTITUTE OF TECHNOLOGY is to tune the policies and objectives of Higher Education by maintaining academics with global standards and ethics. The institution maintains qualified and experienced faculty in every department, with an intended faculty-student ratio, to make the students technically strong, compete globally, and serve the Nation. Also, the Institution has a Placement Cell which strives for a good number of placements in reputed MNCs. Individual departments conduct International Conferences every year to enrich and promote research activities. All the departments have Advanced

Centers and state-of-the-art laboratories for enhancing Engineering and Research skills. The curriculum and mode of training are in tune with the needs of the students and current technologies. Humanistic values in education are upheld in the classroom & college activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.gnithyd.ac.in/vision-mission.html

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

Nature of Governance

The Governance and Leadership of the Institution ensure that its Higher Education operations are functioning well by nurturing Decentralization and Participative decision-making process as the key factors. The governing body provides guidelines through the academic council to maintain high standards in imparting education by setting objectives relevant to policy, hiring quality professionals, rewarding the achievers, providing infrastructure, and facilities, and encouraging the best utilization of the resources.

Perspective Plans

The Institution focuses its Perspective Plans for the upcoming academic years based on Quality in Higher Education. Accordingly, the decision-making process and quality planning are articulated keeping in view the Vision and Mission. The Principal and faculty design a calendar of activities and the top management monitors its implementation providing the necessary support.

Participation of Teachers

Teachers play a major role in the decision-making, planning, and implementation, and perform the academic and administrative functions in various committees of the Institution. IQAC collects inputs from faculty from these committees while making strategic academic planning as the teacher is the key executor of it. The teacher also holds the responsibility of examining and assessing

the students in a transparent way and in time with adherence to regulations.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/agar-2021-22/criterion6/6.1.2%20Effective%20leadership.pdf

6.2 - Strategy Development and Deployment

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

The college has prepared a Perspective Plan pertaining to the introduction of new academic programs, strengthening ICT-enabled Teaching-Learning, promotion of research and extension, development of required infrastructure, strengthening student support system, faculty empowerment, and environmental sustainability. The new labs are established for Emerging Technology Departments. Additionally, the implementation of the plan should have been regularly monitored and evaluated to ensure that progress was being made and that any issues or challenges were addressed in a timely manner. Feedback from stakeholders should have been incorporated into the plan as necessary, and adjustments should have been made as needed.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://gnithyd.ac.in/naac/agar-2021-22/criterion6/6.2.1%20Strategic%20Plan.pdf
Upload any additional information	View File

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.

Talent Management includes Recruitment and Selection, Induction,

Goal Setting, Performance Appraisal, and Faculty Development Programs. These procedures aim to retain employees and foster their continuous development of skills and competencies to achieve institutional long-term goals and institutional objectives.

i. Recruitment and Selection: Recruitment and Selection is the paramount importance in order to recruit staff with the proper skills and attributes to enable the institution to fulfill its objectives. Being apart, the institution adheres to the UGC Guidelines attracting the right talent through the panel of Staff Selection Committee.

ii. Induction: The incumbent who got shortlisted will then join the GNI Group with proper onboarding and induction formalities.

iii. Goal Setting: Each faculty member prepares his/her profile in coordination with HOD/Associate Director/Director/Principal which details his/her attributes, research activities, books published, etc, and sets goals for the next year. The strategy of being SMART (S-Specific, M-Measurable, A-Achievable, R-Realistic, and T-Time bound) is followed in Setting individual goals in line with institutional goals. It is imperative to understand the importance of goal setting, which is to grow and expand the department in terms of its departmental goals, student success, and own career.

File Description	Documents
Paste link to Organogram on the institution webpage	https://gnithyd.ac.in/pdf/Governing%20Body-GNIT.pdf
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion6/6.2.2%20Function%20of%20Institution%20Bodies.pdf

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

Teaching:

- Subsidized bus facilities for the teaching staff members from all parts of Hyderabad
- Subsidized accommodation (staff quarters) inside the campus
- Provident fund facility is provided to eligible faculty members of the institution.
- Resident Nursing Facility for faculties inside the campus.
- Insurance for teaching staff members.
- Financial assistance to meet emergency medical expenses of staff & family members.
- Medical leaves, Paternity Leaves, and Maternity Leaves
- The short-term advance loan
- Sponsorship and Leave for faculties for doing higher studies and attending conferences, development programs, seminars, etc.
- Free mobile facility for eligible selective staff members.
- Financial assistance to procure laptops

Non-Teaching

- Subsidized bus facilities for the non-teaching staff members from all parts of Hyderabad
- Insurance for employees and drivers
- Financial assistance to meet emergency medical expenses of staff & family members.
- Medical leaves, Paternity Leaves, and Maternity Leaves
- The short-term advance loan.
- Well equipped Sports and Gym facilities are provided.
- RO drinking water at various locations along with water

dispensers.

Students

- RO drinking water at various locations along with water dispensers.
- Bank facility on the campus.
- Well equipped Sports and Gym facilities are provided
- Nursing and medical facilities for any kind of medical emergency.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/hr-policy.pdf

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

132

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

97

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.)

192

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Institution preparation and fair financial statements in accordance with accounting principles generally accepted in the Indian accounting standard; this includes the design, implementation, and maintenance of internal control relevant that are free from material misstatement, whether due to fraud or error.

The institution has an independent Chartered Accountant for Internal and External audit processes and designed SOP (standard Operational Procedure) for Payment and other financial-related activities. They conduct an audit of all financial transactions of the Institutions. The Institute payment process will do only after the authentication of the internal audit team.

Institute has a separate Purchase committee for fixed asset procurement, reviewing comparative statements to finalize the purchases, and an internal audit to check assets classification and serial number for bookkeeping and future records. The Audit party also checks whether accounting standards have been followed for true and fair disclosure of financial statements. The audit also checks budgetary compliances. The Internal Audit is conducted quarterly to ensure timely and proper deposit of statutory dues, budgetary control, compliance of sanctions and approvals, check for any payment irregularity, etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion6/6.4.1%20Audit.pdf

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)

2.2

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

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

The Institution is self-financed through the revenue generated from the operational activities except for select Capital Expenditure for which the Government provides nonplan grants. The main sources of revenues are fees received from students, hostel fees, and Income from executing research projects conducted by GNIT for various organizations, The institute also generates income from its investments. The main expenditures are incurred for running and maintaining the academic programs of the institute which include Staff salary, General overheads, General maintenance, Library, Database, etc. The excess of income over expenditure is built into a corpus as a cushion to take care of the contingencies.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion6/6.4.3%20Mobilisation%20of%20Funds.pdf

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 continuous quality monitoring process, GNIT got Autonomous status from 2020-21 to 2030-31, i.e. 10 years.

A course (Non-Credit) on "Internship" has been proposed for the First year students to be aware of the industry needs.

The CIIRD infrastructure has been developed, which will offer special projects from First year to Third-year students to do their innovative ideas to prototype models.

Activated the Institution's Innovation Council 3.0 and conducted 99 various programs related to Innovation, Entrepreneurship, Startups, and IPR and got 4 Star rating with 86.88 reward points.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/IQAC.html

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

The continuous quality monitoring process, GNIT got Autonomous status from 2020-21 to 2030-31, i.e. 10 years.

A course (Non-Credit) on "Internship" has been proposed for the First year students to be aware of the industry needs.

The CIIRD infrastructure has been developed, which will offer special projects from First year to Third-year students to do their innovative ideas to prototype models.

Activated the Institution's Innovation Council 3.0 and conducted 99 various programs related to Innovation, Entrepreneurship, Startups, and IPR and got 4 Star rating with 86.88 reward points.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gnithyd.ac.in/IQAC/Minutes_of_Meeting/2021-22.pdf

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

We, the faculty of GNIT have taken various initiatives to promote gender equality. As part of this mission, various kinds of activities were held on the premises of GNIT. We have done various programs related to "Gender Sensitization". Including 13 major programs like an awareness program on women's safety, a Program on International Girl Child Day, Gender Equality, a program on the Elimination of violence against women, a She-team for women's safety, and many more events conducted in the college auditorium. Many students from various departments attended all events and they made it successful with so much enthusiasm. Particularly,

while conducting the International Women's Day celebrations we found an unforgettable response from the students they explored their views on women's freedom and mobility in the workplace and they suggested many innovative procedures to implement Gender Equality among the students.

An event of visiting "facilities for girls' students - there is a gym for the Girls' Students, and they are provided with sophisticated equipment. Separate mess for them and ample food is provided. Wife facilities are installed in their Hostel Blocks to enrich their Knowledge. International Women's Day celebrations and FDP on women empowerment- as part of the International Women's health insurance Day celebration cultural events were held on the premises of GNI.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gnithyd.ac.in/naac/agar-2021-22/criterion7/7.1.1%20Measure%20for%20Promotion%20of%20gender%20equity.pdf

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	View File

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

Solid Waste Management is the discipline concerned with the control of solid waste generation, collection, storage, transfer and transport, processing, and disposal in accordance with best practices. The effective waste management system was implemented with the help of students, faculty, and cleaning staff, as well as with clearly defined procedures. Within the Mess / Hostel campus, there are well-maintained and functional Biogas Plants

that process biodegradable waste for biogas production. The plant's main inputs are biodegradable solid wastes and food left over from the mess and canteens. The plant can also process sewage waste from various sources. Solid waste management is the discipline concerned with the management of solid waste generation, collection, storage, transfer and transport, processing, and disposal in accordance with best practices.

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

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <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 	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

<p>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,</p>	<p>A. Any 4 or all of the above</p>
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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	View File
Any other relevant information	View File

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

GNIT has organized numerous events, including BRUMOUS FIESTA21, Rangoli competitions, and Dandiya and Annual Day celebrations. The institute is making deliberate efforts to create a welcoming environment. Those actions are to encourage improved education, economic elevation for the poor and societal harmony. To raise the villagers' understanding of environmental and ethical issues, the institute has held lectures there. The goal of the extended activities is to provide an atmosphere where students can develop holistically. The institute has long been at the vanguard of educating students about the socioeconomic, racial, linguistic, and cultural diversity of the state and the country. Many activities and sports were held on campus, and we received positive feedback from students in several departments, including boys and girls. We conducted many Cultural events on campus like the Traditional Day, as part of this NSS program we students participated in the Clean India camp. All the Department students Celebrated Freshers and Farewell Day

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:

Human values and professional ethics are employed to instill in engineering students a sense of responsibility that will help advance society. Guru Nanak Institute of Technology is dedicated to not only producing talented engineers but also engineers with strong human values and ethical standards. As a result, 12 programmes are being offered to students this academic year to help them understand the value of developing both personal and professional ethics

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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	View File

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

India is known for its rich cultural heritage. It is a diverse

country with people of various religions and various cultural beliefs. All the commemorative days are celebrating in GNIT campus. People of different religions practise different cultures and traditions. Every event is dedicated to the celebration of brotherhood. Every religion has its own religious beliefs and customs. Celebrating festivals with family and friends is a joyous occasion that brings us all closer together. We forget about the hatred and enmity and just remember the love and respect we have for one other. Every year, GNIT celebrates all the festivals to spread love and pleasure. Before every festival, GNIT start their preparations a few days earlier. On the occasion of Dussehra festival, students draw rangolis, decorate their class rooms and Labs with flowers and also worship the goddesses Durga Devi to bring peace and positivity.

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	View File

7.2 - Best Practices

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

Best practices are those which add values to human life and support main cause of the institution. Its helps in development of institution - a source means to perform social responsibility. It can change the life of whole institution as well as individual stake holders. The vision of our college is that the students who enter the portal of this Temple of learning to enlighten the students in excellence in higher education and research. In order to fulfil our role, we engage our students in various tasks which can be labelled as best practices. At the beginning of every academic year, the committee prepares its action plan for conduction pre placement training classes to enhance students' soft skills such as communication, fluency in language, presentation, organizing skills, leadership skills so as to prepare them for their profession. Some best practices of the Institution are PrePlacement Training to enhance the Aptitude, Soft Skills and Technical Skills for Undergraduate students, Add-

on Certification Courses to enhance Pre-Placement Training to enhance the Aptitude, Soft Skills and Technical Skills for Undergraduate students. This training aims to develop the students into complete professionals. It provides personality development, communication skills, resume preparation, aptitude test, interview skills, and group discussion activities to the students.

File Description	Documents
Best practices in the Institutional website	https://gnithyd.ac.in/naac/aqar-2021-22/criterion7/7.2.1%20Best%20Practices.pdf
Any other relevant information	https://gnithyd.ac.in/naac/aqar-2021-22/criterion7/7.2.1%20Best%20Practices%20Relevant%20Information.pdf

7.3 - Institutional Distinctiveness

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

The area of distinction for Guru Nanak Institution of Technology developing competency in faculty members. The College conducts regular training programmes to develop competencies. The training needs of the faculties are identified through a competency skill matrix and trainers are arranged for the training programmes. Seminars, workshops, conferences etc. are organized by the College every year. The library of the College has an excellent collection of reference books and journals which are available to the faculty members. WIFI facility is also provided. The College has instituted Seed Money for research. This was introduced to encourage teachers to take up research. The College regularly conducts research workshops to familiarize the new teachers with the research process and sharpen the skills of the senior teachers. The management and Principal encourage the teaching staff to take up Minor and Major research projects. Any help needed in this direction is extended by the Management. Faculty members are regularly sent for Orientation/Refresher/Short Term Courses as per their requirements. No stone is left unturned in order to develop the competency of teachers.

File Description	Documents
Appropriate link in the institutional website	https://gnithyd.ac.in/naac/agar-2021-22/criterion7/7.3.1%20Performance%20of%20the%20Institution.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- To further Strengthen the EDC cell
- To create an Incubation Centre for Social sciences projects
- To have more industry academic interface so that there is more corporate participation in academics.
- To implant Lecture captivating system in the institution.
- Conducting programmes to encourage and support students to start their own business ventures and start up ideas.
- Conducting activities to hone the creative skills of students and provide a platform to display their creativity
- Initiatives for an eco-friendly learning space
- Conducting student focused academic and skills development activities
- The GNIT plans to conduct an International Conference in the next Academic year.
- 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
- GNIT introduces new advanced courses in CSE like AIML and Data Science.