



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

##### 1.Name of the Institution

GURU NANAK INSTITUTE OF TECHNOLOGY

- Name of the Head of the institution **Dr. Sudhir N Shelke**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **07118661450**
- Mobile no **9765556956**
- Registered e-mail **gni.principalgnit@gmail.com**
- Alternate e-mail **sudhirshelke1976@gmail.com**
- Address **Guru Nanak Institute of Technology (Formerly known as Guru Nanak Institute of Engineering and Management) Khasara No. 95**
- City/Town **Mouza Dahegaon, Kalmeshwar road Nagpur**
- State/UT **Maharashtra**
- Pin Code **441501**

##### 2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**

- Location **Semi-Urban**
- Financial Status **Self-financing**
- Name of the Affiliating University **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur**
- Name of the IQAC Coordinator **Mr. Raju A Bondre**
- Phone No. **07118661400**
- Alternate phone No. **07118661400**
- Mobile **9503911965**
- IQAC e-mail address **rajubondre15@gmail.com**
- Alternate Email address **shadab.pathan7@gmail.com**

**3. Website address (Web link of the AQAR (Previous Academic Year))**

[https://gnitedu.com/assets/NAAC/YSR\\_2020-21.pdf](https://gnitedu.com/assets/NAAC/YSR_2020-21.pdf)

**4. Whether Academic Calendar prepared during the year?**

**Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

[https://gnitedu.com/assets/NAAC/update\\_25\\_3\\_22/GNIT%20Accademic\\_Calendar\\_21-22.pdf](https://gnitedu.com/assets/NAAC/update_25_3_22/GNIT%20Accademic_Calendar_21-22.pdf)

**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B</b>	<b>2.21</b>	<b>2018</b>	<b>30/11/2018</b>	<b>29/11/2023</b>

**6. Date of Establishment of IQAC**

**08/08/2016**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>

**8. Whether composition of IQAC as per latest**

**Yes**

**NAAC guidelines**

- Upload latest notification of formation of IQAC [View File](#)

**9.No. of IQAC meetings held during the year**      **1**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?      **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report      No File Uploaded

**10.Whether IQAC received funding from any of the funding agency to support its activities during the year?**      **No**

- If yes, mention the amount

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

Monthly activities collected from the departments to monitor and improve the performance.

Departmental IQA committees were initiated.

Meetings with faculty members are initiated to formulate the action plan. The implementations are reviewed in the subsequent meetings.

Monitor and ensure the quality of student’s activities, departmental and staff member activities for timely, competent and progressive performance of academic duty.

Encourage Staff members to Industry Institute interaction for applying consultancy, Research Work, industrial projects.

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

Plan of Action	Achievements/Outcomes
To conduct regular IQAC meetings.	Four IQAC meetings were conducted as per schedule dates.
To collect feedback from parents, employee and alumni	The Feedback were collected on sample basis and examined. The consolidated report was placed before the management for effective implementation of the suggestions received from them.
To conduct quality awareness campaign	The IQAC has conducted quarterly meetings under the chairmanship of the Principal. The detailed plans and programmes were formulated for quality awareness.
To collect feedback from students on quality parameters related to curriculum, teaching learning and evaluation process	The feedback of each departmental students after completion of odd & even semester examinations are collected and examined. The finalized reports were sent to the Head of department for discussing and improve the results with the teachers.
Minimizing environmental degradation	To decrease use of paper and plastic, The proper drafting and optimization of stationary required. Tree plantation, Optimization of existing infrastructure etc.
Academically weak student Activity.	Academically weak students were find out from their performance in the Internal examination. The remedial classes were conducted for these students. With remedial classes, the better understanding of the subject knowledge and improved performance of these students were achieved.
Fulfilling social	Remedial Class for weaker

responsibilities	students in English language, Maths, Physics for 1st year students. Books, clothes, food, medicine donation camps to slum dwelling children under NSS and Rotaract activity.
Academic Audit	Academic audits (Self-Departmental Academic Audit and Internal Audit) conducted at the end of each semester session. In self departmental academic audit a committee of departmental faculties was formed and audit was carried out. In Internal Audit a committee at central level was formed and all the departments were audited. Which results in enhanced the teaching learning processes including assessment and evaluation.
Mandatory Internship for final year students.	The Internship program for final year students help to gain Industrial Exposure in their respective domain/ branch along with work experience, which will be very beneficial for their professional Endeavour.
Skill enhancement programs in each semester.	The skill enhancement/enrichment programmes for students were well planned and executed by the departments apart from regular academic teaching. It has inculcated/ improved/enhanced the desired technical skills of the students.
Development Programmes	Orientation programmes for faculties on teaching and research methodology. Counseling session for students. Participation in workshop, conferences, seminars and STTP by faculties to improves their teaching skill

	and Profile.
Participation from stakeholders	Alumni meetings continuously arranged, Annual alumni meet organized to improve wholesome education and development. Principal of the institute continuously interacts with the students to discuss various aspects.
To celebrate different days.	Days like Science Day, , World Health Day, Teachers Day, Women's Day, Youth Day and World Environment Day were successfully organised.

**13. Whether the AQAR was placed before statutory body?** Yes

- Name of the statutory body

Name	Date of meeting(s)
Local Management Committee	26/12/2022

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

## Part A

### Data of the Institution

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<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://gnitedu.com/assets/NAAC/update_25_3_22/GNIT%20Accademic_Calender_21-22.pdf">https://gnitedu.com/assets/NAAC/update_25_3_22/GNIT%20Accademic_Calender_21-22.pdf</a>				
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Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.21	2018	30/11/2018	29/11/2023
<b>6.Date of Establishment of IQAC</b>			08/08/2016		
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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
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• Upload latest notification of formation of IQAC			<a href="#">View File</a>		

<b>9.No. of IQAC meetings held during the year</b>	<b>1</b>	
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
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<p>Fulfilling social responsibilities</p>	<p>Remedial Class for weaker students in English language, Maths, Physics for 1st year students. Books, clothes, food, medicine donation camps to slum dwelling children under NSS and Rotaract activity.</p>
<p>Academic Audit</p>	<p>Academic audits (Self-Departmental Academic Audit and Internal Audit) conducted at the end of each semester session. In self departmental academic audit a committee of departmental faculties was formed and audit was carried out. In Internal Audit a committee at central level was formed and all the departments were audited. Which results in enhanced the teaching learning processes including assessment and evaluation.</p>
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<p>Development Programmes</p>	<p>Orientation programmes for faculties on teaching and research methodology.</p>

	Counseling session for students.Participation in workshop, conferences, seminars and STTP by faculties to improves their teaching skill and Profile.
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To celebrate different days.	Days like Science Day, , World Health Day, Teachers Day, Women's Day, Youth Day and World Environment Day were successfully organised.
<b>13.Whether the AQAR was placed before statutory body?</b>	Yes
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Local Management Committee	26/12/2022
<b>14.Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2021-22	20/01/2023
<b>15.Multidisciplinary / interdisciplinary</b>	
<p>In view of NEP 2020, Guru Nanak Institute of Technology has taken steps towards the multidisciplinary/interdisciplinary courses. Courses such AIML, Data Science and MBA are applied for the session 2023-24. Interdisciplinary projects to solve social problems are developed by the students as the part of project based learning and final year projects.</p>	

Institute is carving out the way for the fruitful implementation of multidisciplinary and interdisciplinary education which will definitely enable our students to develop the skills required in 21st century. While more clarity will be visible in future on how the multidisciplinary and interdisciplinary approach to education being proposed in the Policy shape up, Institute welcomes the change and ready to implement the same.

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

Guru Nanak Institute of Technology is affiliated to RTMNU Nagpur and has the credit based system. Experienced faculties are actively participating in the syllabus designing of their respective courses at University level. For assessment of the courses, faculties define the assessment tools and design the assignments, tests, quizzes for assessment of the students.

#### **17.Skill development:**

GNIT has already set up an In-house Training Cell with two components - providing technical training as well as soft skill training starting from the 1st year. Apart from teaching of usual curriculum of RTMNU Nagpur, Curriculum Enrichment is achieved through Beyond Syllabus Activities and Value Added Courses imparting transferable and life skills in the form of MOOCs courses through NPTEL, Courses, etc. and programs on extracurricular and co-curricular activities conducted under forum activity of the Institute and affiliating University. Institute also signed MOUs with MCED to create an excellent opportunity for utilization of their Training to the students. T & P cell also provides training for campus recruitment.

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

Institute ensures appropriate integration of Indian knowledge system by following the CBCS scheme set up by RTMNU. Students are encouraged to do MooCs courses on Values and ethics. Although the primary mode of communication is English, faculty members and technical assistants are also imparting the knowledge and clearing doubts by communicating in regional languages like Marathi and Hindi, predominated by the students of those communities in this eastern part of the country. Institute has provision of various committee activities which contribute to sensitizing students to cross-cutting issues like Gender, Environmental Sustainability, Human Values and Professional Ethics for development of creative and divergent competencies. Subjects like Indian Constitution, Ethics & Value system of

Indian culture, Environment Eco-system, etc. are offered in order to inculcate sense of national integration, culture and civic sense among the student community.

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

Guru Nanak Institute of Technology has well defined Program Outcomes (PO), Program Specific Outcomes (PSO) and Program Education Objectives (PEO) for each program. The POs, PSOs and PEOs are satisfied through the teaching-learning process and the additional programs conducted at the Institute. As the part of curriculum, each course has defined Course Outcomes (CO) which is mapped to POs and PSOs. Assessment tools are designed considering the requirements of POs. The activities and programs are organized in the Institute to achieve POs. At the end of the semester, analysis of PO, PSO attainment is done by each department.

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

The Institute is affiliated to RTMNU Nagpur. As per the guidelines of University, all lectures and practicals are conducted in physical mode. During pandemic, the system has adopted the change from classroom teaching to blended learning. Google Meet, ZOOM are effectively used for course conduction and evaluation process. Each course contents are uploaded on Whatsapp including syllabus, PPTs and notes. The assessments of the courses are done through online assignments, quizzes. The MCQ tests are conducted using Moodle platform. Online sessions are conducted and recorded on Google meet. Various student activities are conducted online using Google meet.

### **Extended Profile**

#### **1.Programme**

1.1 225

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

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

#### **2.Student**

2.1 967

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2 174

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

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

2.3 264

Number of outgoing/ final year students during the year

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

### 3.Academic

3.1 68

Number of full time teachers during the year

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

3.2 68

Number of sanctioned posts during the year

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of courses offered by the institution across all programs during the year	<b>225</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Number of students during the year	<b>967</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>174</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.3 Number of outgoing/ final year students during the year	<b>264</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of full time teachers during the year	<b>68</b>
File Description	Documents
Data Template	<a href="#">View File</a>

3.2	68
Number of sanctioned posts during the year	

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

<b>4.Institution</b>	
4.1	29
Total number of Classrooms and Seminar halls	
4.2	192.37
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	245
Total number of computers on campus for academic purposes	

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

- The college being affiliated to RTMNU, Nagpur strictly adheres to the curriculum, regulations and follows the syllabus of each course in each Programme framed by affiliating University.
- In the beginning of every semester academic planner is framed by the Institution in accordance with the academic schedule of RTMNU, Nagpur
- The allocation of each course to the faculty members is based on their willingness and finalized by HoD on basis of faculty's technical skill, experience and academic performance.
- At the beginning of every Semester, Course Committee Meeting is organized within the department (common to all sections) and with other department for common courses.
- The Course Outcomes, Assignments and tutorial Topics are planned.
- Based on the Expected Course Outcomes, content beyond

syllabus identified and delivery plan is formulated accordingly.

- Bridge course is planned for the first year students to educate them about the environment and culture of the institution, expose them to self exploration.
- Course handlers have freedom of delivering their lecture by using various teaching aids like board & chalk, PPT through LCD projector, videos, and NPTEL
- Toppers are motivated to secure higher grades as well as University ranks and slow learners are counseled to undergo remedial classes to perform better.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://gnitedu.com/departments.html">https://gnitedu.com/departments.html</a>

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

Academic planner is prepared by a team of senior Faculty members of the Institution in consultation with Principal and HoDs. In accordance with academic planner, the HoDs of concerned departments prepare the academic calendar of the department by incorporating the various academic, co-curricular activities to be organized in the department like faculty meeting with HOD, Internal Assessment Test series dates, Question paper submission date, review of course file dates and course log book submission dates.

The course handling faculty members publicize the syllabus and display the template of question papers for the conduct of Internal Assessment Test series. Schedule for these tests /exams is announced and displayed in advance by Principal. The question papers are set to test various cognitive levels of the student as per Bloom's Taxonomy. The answer scripts are issued to the students to verify the scheme of evaluation with the marks awarded by the course handling faculty members. Finally the marks are entered in the institution web portal by the faculty member to display the performance of students in the internal assessment test. The continuous evaluation process provides more opportunities to the teacher to get feedback of the progress of his students and his own performance.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://gnitedu.com/departments.html">https://gnitedu.com/departments.html</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**A. All of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## **1.2 - Academic Flexibility**

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

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

**5**

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

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

**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)****12**

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year****684**

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

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

GNIT considers that the purpose of education is to make each learner recognize their identity, understand the purpose in life through their connection and contribution to society, environment and to their fellow human beings. Curriculum offered at the GNIT include courses that are diverse and cater to the cross cutting issues relevant to sustainable environment, gender equality, human values and professional ethics for addressing the economic, social and environmental challenges. The students of GNIT are moulded as responsible graduates, professionals by creating awareness and addressing the societal and generic needs. Category Name of the courses Environmental & Sustainability Energy and Environment Ethics Indian Culture and constitution

The institute organizes seminars, conferences, workshops, guest lectures on gender, environment and sustainability, human values

and professional ethics from time to time.

GNIT guides the Students to inculcate Human values and professional Ethics. In this aspect the professional ethics such as Always strive for excellence, Be trustworthy, Be courteous and respectful, Be honest, Be competent, Always be ethical, Always be honorable and act with integrity, Be respectful to confidentiality.

The students undertake different activities to inculcate these values in a professional manner.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

184

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<a href="#">View File</a>

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

468

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ internships (Data Template)	<a href="#">View File</a>

#### 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders  
Students Teachers Employers Alumni**

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="https://gnitedu.com/assets/NAAC/C1/1.4.1/Feedback-21-22.pdf">https://gnitedu.com/assets/NAAC/C1/1.4.1/Feedback-21-22.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<b>No File Uploaded</b>
Any additional information	<a href="#">View File</a>

**1.4.2 - Feedback process of the Institution may be classified as follows**

**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://gnitedu.com/assets/NAAC/C1/1.4.2%20Feedback.pdf">https://gnitedu.com/assets/NAAC/C1/1.4.2%20Feedback.pdf</a>

#### TEACHING-LEARNING AND EVALUATION

##### 2.1 - Student Enrollment and Profile

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

**477**

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

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

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

219

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

## 2.2 - Catering to Student Diversity

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

It is desirable that an institution assesses the learning levels of students before starting the process of teaching learning. GNIT believes in customizing the teaching and learning processes to suit the requirements of students. The college counsels the students before the admission so that they take an appropriate decision. Soon after the admission, the students are categorised as Advanced and Slow learners based on their qualifying examination. In the subsequent semesters the learning abilities of the students are evaluated through mid examinations, assignments, classroom interactions and mentoring. Based on the performance of the activities, students are categorized as advanced and slow learners and the same is made known to all the stakeholders.

Catering the needs of advanced learners:

Advanced learners are guided by MOOCS Committee to go for additional courses with self learning like NPTEL, MOOCs etc.

Assisted for internship and short term courses Guided to take up various certification courses Provided campus training on advanced technologies Assisted in participation and presentation

in national and international conferences/seminars/workshops etc.

For slow learners

Bridge courses in basic programming, mathematics, and communication skills are conducted for lateral entry students to fill the gap between diploma and engineering and to improve their confidence levels

File Description	Documents
Paste link for additional information	<a href="#">NIL</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
967	68

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

## 2.3 - Teaching- Learning Process

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

GNIT adopts student centric methods to make the Teaching Learning process more effective for the holistic development of students through Experiential learning, Participative Learning and Problem solving Methodologies. Faculty of the institute imparts subject knowledge as per the syllabus and curriculum and foster self management and usage of knowledge, holistic development and skill development through participatory learning activities.

The following activities have been adopted by the faculty and they adorn student-centric methods:

Experiential learning

Laboratory sessions

Curriculum was designed in such a way that sufficient emphasis is laid on hands-on experiments required for comprehensive understanding of the subjects. The laboratories, software and model experiments are beyond curriculum.

#### Industrial visits

Study without practical approach is not considered as worth in this challenging and competitive environment. Putting that aim in mind we always take our students to various industries in order to make them understand the classroom concepts in a better way.

#### Field works and Internships

The main motto of Field works/Internships are educational and career development opportunities, providing practical experience in a field/discipline.

#### Industry Oriented Mini Projects

Students are encouraged to take up any industry oriented application in his/her field of interest in their respective branch/field.

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

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

GNIT emphasis on ICT infusion in pedagogy to improve learning, motivate and engage learners, promote collaboration, foster enquiry and exploration, and create a new learner centered learning culture. Learners are expected to collect, select, analyze, organize, extend, transform and present knowledge using ICT in authentic. The adaptation of ICT tools help to open up opportunities for learning by enabling four major key processes in transforming teaching and learning as follows:

ideas and information from diverse sources through searching, locating, selecting, and authenticating material in a wide range

of multimedia forms; Extend ideas and information through processing, manipulating, analyzing & publishing material in different multimedia forms; Transform ideas and information into new or different forms through synthesizing, modeling, simulating and creating material in many multimedia styles and formats; and ideas and information across local, national and international networks by interacting electronically with others in actual and/or delayed time.

Faculties utilize types of ICT tools such as

1. Generic tools for learning : Starting from productivity tools to simulation & modelling to access, extend, transform and share information like open source software for lab and Projects,

3. Interactive instructional courseware: Self-paced learning materials e.g Google Class Room, MOODLE/Blackboard/Canvas LMS, Video Lecture, etc

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

64

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

### 2.4 - Teacher Profile and Quality

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

68

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

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

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

10

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

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

##### 2.4.3.1 - Total experience of full-time teachers

473

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and

mode. Write description within 200 words.

The Institute has taken following processes for the effective execution of evaluation reforms introduced by the University.

The Institute has faculty coordinator from each department for smooth conduct of the examination. Internal monitoring team involving senior faculty members is assigned by the institution head to ensure effective conduct of exams.

Internal mark is based on class test, internal assessment and assignment and the subject VIVA.

The Examination controller of Institute prepares an Instruction Manual as per the guidelines from Director ( Examination), Rashtrasant Tukodoji Maharaj University to conduct examinations and copies are available in all departments.

The question paper pattern for the internal examinations has been standardized by the institution which is in line with the university question paper pattern. The question paper is moderated by expertise faculty and verified by HOD.

The Department shows result analysis on notice boards for maintaining transparency.

Student's marks are intimated to the students immediately after the completion of assessment and the same is communicated to their parents by the respective mentor.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://gnitedu.com/NAAC.html">https://gnitedu.com/NAAC.html</a>

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

The class teachers carefully monitor the regularity of attendance and the performance of the students in internal evaluation tests and end semester examinations. The performance of the students is informed to the students immediately after the completion of assessment tests.

If the student is still not satisfied a model answer key is show

so that all the doubts get cleared. Head of exam grievance cell takes the follow up and sees that the grievance is closed in the specified time frame. In case of grievances like low internal marks, students have freedom to discuss it with concerned teachers, mentors or class-teachers for corrective actions. Other type of grievances such as data missing in the question papers, question asked from outside the syllabus, question paper being tough, are communicated to the respective HOD by the concerned faculty for necessary action. A candidate can apply for revaluation/reassessment of his/her semester examination answer paper in a theory course at University level through proper application to the Controller of Examinations. The student is entitled to apply to challenge valuation in theory subjects by paying prescribed fee to the university within 7 days of announcement of result.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://gnitedu.com/NAAC.html">https://gnitedu.com/NAAC.html</a>

## 2.6 - Student Performance and Learning Outcomes

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

The learning outcomes are clearly defined using blooms taxonomy for all academic programmes and courses of the Institute. The measurements/inputs provided by the University on the basis for continuous improvement in the quality of learning have been properly assessed and do the almost to attain it through various learning means.

All POs have been adequately addressed through the core courses and their COs. Program outcomes, program specific outcomes and course outcomes for all programs offered by Institution are stated and displayed on website and communicated to alumina and students.

Program Outcomes, Program Specific Outcomes and Course Outcomes are made aware through the following procedures.

POs and PSOs are approved by the Department. POs and PSOs are available in the Institute website.

POs and PSOs are posted in corridors, classrooms, Department office, Laboratories and Department library of the campus for staff, students and publicview.

At the first course committee meeting, the corresponding faculty members discuss the assessing methods of each course outcomes and prepare the mapping with the POs and PSOs

During department reviews meeting the COs of theory subjects which are not mentioned in University syllabus are framed accordingly. Cos of practical are also designed and verified by the HOD.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://gnitedu.com/index.html">https://gnitedu.com/index.html</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

Attainment of Program Outcomes and Program Specific outcomes PO/PSO assessment is done by giving 80% weightage to direct assessment and 20% weightage to indirect assessment. Direct assessment is based on CO attainment where 80% weightage is given to attainment through university exam and 20% weightage is given to attainment through internal assessments. Indirect assessment is done through program exit survey, alumni survey and employer survey where program exit survey and employer survey are given a weightage of 25% each and alumni survey is given a weightage of 50%. For CO,PO,PSO attainment the attainment levels shall be set considering average performance levels in the university examination or any higher value set as target for the assessment years. Attainment level is to be measured in terms of student performance in internal assessments with respect to Course Outcomes of a course and in university examination. Target may be stated in terms of percentage of students getting more than university average, class average marks or set by the program in each of the associated COs in assessment instruments (midterm tests, assignments, mini projects etc.). If targets are not achieved the program should

put in place an action plan to attain target in subsequent years.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://gnitedu.com/assets/NAAC/update_25_3_22/CO-and-PO-all-Branches.pdf">https://gnitedu.com/assets/NAAC/update_25_3_22/CO-and-PO-all-Branches.pdf</a>

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

248

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

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

[https://gnitedu.com/assets/NAAC/update\\_25\\_3\\_22/Feedback\\_2021-22.pdf](https://gnitedu.com/assets/NAAC/update_25_3_22/Feedback_2021-22.pdf)

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

##### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

##### 3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

2.71

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

### 3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

#### 3.1.2.1 - Number of teachers recognized as research guides

4

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

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	Nil

### 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The Institute has innate tendency to foster the culture of

innovation inside the campus through various forums/cells/centres for the research community and academic fraternity. With the objective of innovation in mind a broad spectrum of initiative are implemented. 1. Industry Institute Interaction Cell (III Cell) to provide opportunities for the students and faculty through field visit, industrial trainings, internships, projects, industry lecture series, seminars, MoUs. 2. Research & Development Cell (R&D Cell) with universities to create conducive environment for the development of product towards research contribution. 3. Innovation & Incubation Cell to create awareness, educate, nurture and inculcate a culture of innovation aiming at idea and product innovation. Outcomes: 1. Institute has entered into agreement with 11 leading industries, research organizations. 2. Under the banner of above cells, the institute organized the events towards student's innovation. Innovative projects developed by students. These cells motivated the students to participate in outside campus competitions. 3. Several students become entrepreneur.

#### 4. Paper Publication of Students

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gnitedu.com/assets/NAAC/C3/3.2.1%20Ecosystem%20for%20innovations%20and%20has%20initiatives%20for%20creation%20and%20transfer%20of%20knowledge.pdf">https://gnitedu.com/assets/NAAC/C3/3.2.1%20Ecosystem%20for%20innovations%20and%20has%20initiatives%20for%20creation%20and%20transfer%20of%20knowledge.pdf</a>

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

16

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

<b>3.3 - Research Publications and Awards</b>	
<b>3.3.1 - Number of Ph.Ds registered per eligible teacher during the year</b>	
<b>3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year</b>	
1	
<b>File Description</b>	<b>Documents</b>
URL to the research page on HEI website	<a href="https://gnitedu.com/assets/NAAC/C3/3.3.1%20PhD%20Registered%20Per%20Eligible%20Teacher.pdf">https://gnitedu.com/assets/NAAC/C3/3.3.1%20PhD%20Registered%20Per%20Eligible%20Teacher.pdf</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year</b>	
<b>3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year</b>	
5	
<b>File Description</b>	<b>Documents</b>
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>
<b>3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year</b>	
<b>3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year</b>	
70	

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

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

Our Institution is adopting various steps toward extension and outreach activities for the surrounding community, through numerous societies such as NSS, YRC, RRC, Rotaract Club, etc. We encourage our students to help the local community living around our campus through these groups in order to instill social responsibility in them. Some of our institution's key operations for the benefit of local communities are noted below: 1. Tree Plantation 2. Beti Bacho- Beti Padhao Abhiyan 3. Safai Abhiyan and Sanitizer Distribution 4. Blood Donation Camp 5. School Kits Distribution 6. Shiv Swarajya Din 7. Stop Cancer Mission 8. Vaccination Drive 9. Stress Women Empowerment Program for Women 10. International Womens Day 11. World Environment Day 12. International Yoga Day

The aim of Unnat Bharat Abhiyan (UBA) is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. With this objective five villages had been assigned to develop them & provide them better solutions of their problems.

All these mentioned activities have positive impact on the students and it developed student community relationship, leadership skill and self confidence of students. It also helped in cultivating hidden personality of students and created awareness among students.

File Description	Documents
Paste link for additional information	<a href="https://gnitedu.com/assets/NAAC/C3/3.4.1_new.pdf">https://gnitedu.com/assets/NAAC/C3/3.4.1_new.pdf</a>
Upload any additional information	<a href="#">View File</a>

### **3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**

#### **3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year**

7

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### **3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year**

#### **3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

16

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

### **3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**

**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

925

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration**

**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year**

**3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

20

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

**3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**

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

11

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

GNIT is 5.05 acre campus with built up area of 11331.71 Sq. M is a vibrant institute of higher education with state of art infrastructure. The institute since its inception in 2009 has never compromised with infrastructural facilities physical buildings, machinery, equipment, software, books and other learning resources.

The instructional (classrooms, laboratories, library, seminar halls, auditoriums, computer centers, etc.,) facilities are more than required. All laboratories are fully equipped with latest equipment. The content beyond experiments provides expose students to latest in research and advancements. The computing facility consists of licensed software (system software and applications software). The computing facilities of the college cater to the needs of faculty and students to foster an effective Teaching Learning Process. A healthy computing ratio of 1:4 computers to student against the prescribed ratio of 1:6 is being maintained. The main library with an area of 1452 Sq.M with a seating capacity of 150 is available. The digital library is equipped with personal computers which are connected with Wi-Fi and LAN for fast and seamless access of the Internet for streaming NPTEL lectures and using e-Resources for the benefit of its users.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gnitedu.com/hostel.html">https://gnitedu.com/hostel.html</a>

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

Sports facilities have been established for various games like cricket, football, basketball, and volleyball to ensure the focus of the institute in providing extra-curricular activities to the students. Sports complex of the institution includes separate blocks (Sport Club) for indoor games like Badminton, Table Tennis, Carrom and Chess. For outdoor games it has a Volleyball, Basketball, Ball- Badminton, Throw ball, Cricket, Football, Kho-Kho, Kabaddi grounds, etc. Gymnasium centre of the college has Treadmill, Cycling, Elliptical cross over machine, Leg press, Leg curl, Bench press, Leg extension, Shoulder press, Arm curl, Inner thigh press, Outer thigh press, Twister, Abdominal curl, Abdominal press, Chest press, Chest curl, Rowing machine, Weight plates 250Kg, Weight rod 2Kg and Dumbbell.

Regular cultural activities, on stage and off stage events were conducted through music & dramatic club of the institution, the talents in Dancing, Singing, Instrumental music, Dumb Charades, Mime shows etc., are identified and encouraged to participate in various cultural activities inside and outside the college. Functions like Technofun, Independence Day, Republic Day, Sports day, Teacher's Day, Engineer's Day, Women's Day, Annual Day etc., are celebrated. Extra-Curricular Activities the college organizes events related to NSS, Yoga, Sports and cultural.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gnitedu.com/Sports.html">https://gnitedu.com/Sports.html</a>

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

12

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gnitedu.com/firstyear.html">https://gnitedu.com/firstyear.html</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

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

59.9

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

OPAC (Online Public Access Catalogue) facility is made available through Synchronik 5.0 Library Management Software to search the bibliographical details about the collections. Three separate nodes are made available in the Central Library for OPAC facility.

The college has central library and 4 department libraries. The reading room is furnished with state of the art facilities to accommodate 150 students at a time and provides conducive environment for study. Exclusive reference section is available in the library. New arrivals of books and journals are displayed on separate stands and racks.

The library subscribes DELNET through IP based access.A

wellequipped Digital Library with 25 nodes having Internet connectivity is housed in the Central Library for accessing eresources.

As the access facility to e-journals is multi-user and IP based, students can access the E-Resources from anywhere in the campus.

Library Automation: All the active book collection is updated in the Synchronik 5.0 Library Management Software database version 5.0 and the OPAC is available for the users. The issue and return of books has been activated with the Synchronik 5.0 Library Management Software.

Facilities available: Printers, Scanners, Photocopy Machine:  
Internet bandwidth: 30-50 Mbps

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://gnitedu.com/Library.html">https://gnitedu.com/Library.html</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

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

6.82

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

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

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

303

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

The institute has well structured IT facilities with 32 Mbps bandwidth for 24x7 connectivity. The institution has wired and 15 Wi-Fi hotspot at prominent locations -wireless connectivity for use of students and faculty members across the campus including the hostel. IT infrastructure and internet facilities: 30-50 Mbps of dedicated 1:1 leased line/Broadband internet connectivity from Internet Service Providers (ISP) for education and research needs. MAC-binded 'Wi-Fi' provision at selective in campus hubs and hostels. Desktops (298) from various brands with latest processor capacity. Compatible branded Higher-end servers to meet the IT-specific tasks like file, database, virus and backup management. Printers (12), Copiers (3) and Scanners (3) for document imaging and reprography. Healthy connected 'CAMPUS-LAN' via structured Optical Fibre. 'Language Lab' with audio-video gadgets and state of the art communication teaching-learning tools. Supportive IT atmosphere for NPTEL learning, A-VIEW workshop, Value-added courses and various placement training programmes.

A dedicated helpdesk of technicians to address the computing and network issues. Internet Accessibility: laboratories, class

rooms, library, department, administrative area & seminar hall/Auditorium. Wi-Fi Availability: Classrooms, laboratories, department offices, hostels and library are connected through 802.11 /g protocol

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gnitedu.com/index.html#">https://gnitedu.com/index.html#</a>

#### 4.3.2 - Number of Computers

245

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

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

151.50

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

The institute has individual personnel's for maintaining the infrastructure by way of building maintenance, transport, furniture and generator operator in case of power shutdowns. Separate complaint registers are maintained for various services like electrical, plumbing, housekeeping etc. Maintenance technician of the college, reports regularly about the breakage of instruments and devices to the higher authority. The maintenance committee is headed by the Administrative Officer, who in turn monitors the work of the supervisor at the next level.

The supervisor is accountable to the AO and functions as the coordinator who organizes the workforce, maintaining duty files containing details about their individual floor - wise responsibilities, timings, leave etc. Classrooms, staffrooms, seminar halls and laboratories, etc are cleaned and maintained regularly by housekeeping Wash rooms and rest rooms are well maintained. Dustbins are placed in every floor. Lab assistants under the supervision of the system administrator maintain the efficiency of the college computers and accessories. Parking facility is well organized. It is efficiently maintained by security under the control of security officer. Periodic reporting on requirements of repairs and maintenance are submitted by the HODs to the administrative office.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://gnitedu.com/index.html#">https://gnitedu.com/index.html#</a>

## STUDENT SUPPORT AND PROGRESSION

<b>5.1 - Student Support</b>	
<b>5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year</b>	
<b>5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year</b>	
833	
File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>
<b>5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year</b>	
<b>5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year</b>	
361	
File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>
<b>5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills</b>	<b>A. All of the above</b>

File Description	Documents
Link to Institutional website	<a href="https://gnitedu.com/assets/NAAC/C5/5.1.3%20Capacity%20building%20and%20skills%20enhancement.pdf">https://gnitedu.com/assets/NAAC/C5/5.1.3%20Capacity%20building%20and%20skills%20enhancement.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

678

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

676

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

100

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

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

#### 5.2.2.1 - Number of outgoing student progression to higher education

6

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State

government examinations)

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

0

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

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

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

0

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

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

College has various academic & administrative bodies for the active participation of the students. This inculcates leadership

quality among the students, enhance their overall personality, develop confidence in them, nurture their inner strength and can showcase their talent.

Its selection, constitution, activities and funding:

Each section from I Year to Final Year has a Class representative, elected by the class members.

Nominees for Class Representative (CR), should be regular i.e. having good attendance, good academic record, having Leadership Qualities and should be Active in curricular & Extra-curricular Activities.

Class Representative listen to the views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the class, and take necessary action.

Class Representative helps students to share their views, interests, and concerns with lecturers and principal.

Class Representative helps students to solve their subject's difficulties, guide them for RTMNU examination and also encourage participating in curricular & Extra-curricular Activities.

Every year student forum is being installed by every department. It consists of elected students representatives, who bring in curricular & Extra-curricular Activities in the department and institutions.

The funding for various activities of the internal college bodies is provided by the College Management.

File Description	Documents
Paste link for additional information	<a href="https://gnitedu.com/committees.html">https://gnitedu.com/committees.html</a>
Upload any additional information	<a href="#">View File</a>

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

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

33

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

#### 5.4 - Alumni Engagement

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

College organizes alumni meet once in an academic year. It acts as a bridge between the former students, current students and authorities. Information is updated about placement scenario in the companies in which the alumni are employed / related companies. The suggestions and feedback of alumni students are always considered for Institutional development. An alumnus addresses the juniors, shares their experience and updates their information available with organization. Faculty members are in touch with their former students and they are invited for college programmes. GNIT has legal registration for Alumni association. A scholarship to economically backward candidate from each dept. is given from alumni fund.

File Description	Documents
Paste link for additional information	<a href="https://gnitedu.com/assets/NAAC/update_25_3_22/Alumni_Association.pdf">https://gnitedu.com/assets/NAAC/update_25_3_22/Alumni_Association.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

The Institute's focus and core ideology is reflected in its Vision, Mission, and Quality Policy as shown below:

#### VISION:

The constant Endeavour of Guru Nanak Institute of Technology is, to prepare professionally responsible and technically sound corporate citizens out of budding engineers.

#### MISSION:

1. To establish a proper & planned Post Graduation facility.
2. To prepare the students with the sound academic backup and also with the capacity of working innovatively on research projects.
3. To establish Industry-Institute interaction to bridge the gap between the requirements of industry and the inputs provided by the Institute.
4. To undertake consultation work from the nearby industries to generate resources.
5. Preparing students for self-employment with the support of innovative research projects and industrial atmosphere of the institute surrounding

#### QUALITY POLICY:

Institute ensures seamless management systematically, encouraging participative leadership by involving various stakeholders at appropriate levels of decision making. Stakeholders of the Institute-students, alumni, parents, employers are involved at different levels in all aspects of the

Institute functioning. Faculty members participate, through corresponding Committees in finalizing teaching methodology, examination reforms, maintenance of academic standards, and student welfare. Such participation brings transparency to the governance and inherently encourages team-work and effective implementation of decisions.

File Description	Documents
Paste link for additional information	<a href="https://gnitedu.com/about.html">https://gnitedu.com/about.html</a>
Upload any additional information	<a href="#">View File</a>

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

**Top Management:-**

Designing Quality Policy

Provide Budget

Infrastructure

Recruitment

Provide support to economical backward students

**Director/Principal:-**

Quality policy- Planning, deployment and monitoring

Weekly Meeting with HOD Departmental Meeting with faculty once in Semester

Administration of teaching and learning

Monitor academic performance

Non teaching member meeting

Program Coordinators

Departmental meeting Execution of course work

Social activities

Mentor to student

MOU's

Maintenance

Result Analysis and corrective actions

Decentralized

1. Top management has given necessary authority to Principal to manage different functions with operational autonomy.
2. Principal forms different committees as per requirement.
3. Committee co-coordinators have given appropriate authority by principal to take decision.

Participative

1. Participative management.
2. Students, faculty and administration join hand in hand.
3. Internal as well as external stakeholders are involved for any modification in teaching learning and administrative process or any similar process.
4. College constitutes committees for general and academic development which includes faculty, nonteaching staff and students' participation and everyone is involved in decision making processes.

The institute has made remarkable progress in the last 5 years as most of the decisions that were taken in the Local Management committee/GB have been implemented successfully after consulting faculty and students wherever required.

File Description	Documents
Paste link for additional information	<a href="https://gnitedu.com/committees.html">https://gnitedu.com/committees.html</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute has a perspective plan for development. The perspective plans are developed by the Director, Principal, Dean Academics, IQAC and Heads of Departments with a goal of succeeding towards the realization of the vision of the Institute. Also, the helps from the internal as well as external stakeholders and the vision regarding the ever changing global trends are considered for insertion.

The Perspective /Strategic plans are reviewed periodically. Present perspective plan of the institute is as follows:

Accreditation from NBA

To establish Ph.D. Research Centre

To establish the Center for Innovation and Incubation

To encourage faculties to register as Ph.D. supervisor and enroll Ph.D. students.

To develop laboratories as centers for higher learning and advanced research.

To establish networking with University, research institutes and industries for placement services.

To run Add-on /Value added courses in all departments.

Following aspects are considered in the perspective plan:

Teaching and learning

Human resource planning and development

Research and development

Student training and placement

Community engagement

Industry interaction

Entrepreneur Development

Environment Protection Activities

Stakeholder's perspective

Formulation of action plans into the institutional strategic plan, action plans for operations are prepared under the supervision and guidance of the Principal, Coordinator and Heads of Departments.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://gnitedu.com/committees.html">https://gnitedu.com/committees.html</a>
Upload any additional information	<a href="#">View File</a>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Functioning of the institution is carried out with the help of guidelines provided by the governing body, policies and procedures formed, and various functional committees that work under the guidance of Deans. Honorable management provides support and participates actively through committees like Local Management Committee (LMC), and Institution level (portfolio) Committee (ILC). Management has given due authority to the principal for decision making in day to day activities conducted at the institution. Academic and administrative departments are led by Principal, Deans and HODs. Principal is the chairperson of IQAC and guides all members for overall quality improvement. Functional committees consisting of staff members are categorized under Administration, Academic, Student affairs and R&D which are headed by respective Deans. The heads and faculty members of these committees take care of curricular, co-curricular and extra-curricular aspects. The AO is in charge of the HR, student and account sections. Institution has central

facilities like Career guidance International Relation Cell, Hostel and Library.

File Description	Documents
Paste link for additional information	<a href="https://gnitedu.com/committees.html">https://gnitedu.com/committees.html</a>
Link to Organogram of the institution webpage	Nil
Upload any additional information	<a href="#">View File</a>

**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	No File Uploaded
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

The Institution has always been keen on the professional development of the teaching and non- teaching staff. The institute makes genuine efforts to enhance and enrich the professional development of teaching and non-teaching staff as follows

#### Teaching Staff

Incentives to faculty who receive State, National and International recognition/awards Provision of Special Leave to the existing faculty for the pursuance of their higher studies like PhD and PDF. The institution will pay the registration fee, TA & DA and provide OD (On-Duty) for research paper presentation

in the conferences.

Faculty development programs /STTP, Workshops and Conferences are conducted in the institute Technical workshops are conducted by the institute to keep update with syllabus and new technologies. The institute encourages the teaching staff for arranging / attending industrial training programs/visits. Faculty members are motivated to undertake professional body membership for active involvement.

#### Non-Teaching Staff

The institute encourages the non teaching staff for arranging / attending industrial training programs/ visits to update their technical knowledge. The Institute provides Computers with Internet facility to all non teaching staff conducting specialized computer awareness workshops for nonteaching staff. Permitted for Higher studies under Earn and Learn Scheme of the Institution

File Description	Documents
Paste link for additional information	<a href="https://gnitedu.com/assets/NAAC/C6/6.4.3_HR_Policy.pdf">https://gnitedu.com/assets/NAAC/C6/6.4.3_HR_Policy.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

57

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

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

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

12

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

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

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

67

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

The institution has a very well-defined Performance Appraisal system. The performance appraisal of any faculty is based on considering their performances mainly in the following parameters.

University results

Research& publications/ academic progress

Knowledge Enhancement Program attended

Sponsor research

Consultancy/Internal revenue generation

IPR/Content beyond syllabus

Student's feedback

Punctuality & adaptability

Mentoring/ counseling of students

Administrative contributions

The non-teaching staffs are appraised based on the following parameters:

Punctuality & adaptability

### Administrative contributions

The attitude, commitment and achievement of staff with regard to above mentioned parameters are the key areas to their appraisal. Every staff is asked to submit the self-appraisal form to the HR Department. Self-Appraisal reflects the contribution of the faculty members to teaching-learning process, research activity, involvement in department and college level activities.

The performance appraisal reports are assessed by the Head of the department, Principal/ Director and Management. Annual increments and promotions are granted after the approval of the management as per the laid down procedures. Effective decisions taken by the management are incorporated in the proceedings of the meeting. The outcome of the review of the performance approval reports is also communicated to the staff through oral or written communication.

File Description	Documents
Paste link for additional information	<a href="https://gnitedu.com/index.html">https://gnitedu.com/index.html</a>
Upload any additional information	<a href="#">View File</a>

### 6.4 - Financial Management and Resource Mobilization

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

GNIT Strictly believes in following all statutory requirements for all audits and accounting practices. The Institution conducts internal and external financial audits regularly. As part of this mechanism, the Institution has in-house team auditors, who help in carrying out the internal audit. The team conducts an internal audit regularly and submits the report to the IQAC.

The IQAC Chairman attends all the major audit queries raised by the team and takes appropriate steps for remedial action. The external audit is conducted once in a year. The external audit is carried out by M/s Kotwani Kalra and Associates (Regn.No.119377W) who has experience of over 15 years. The queries which are raised are put before the Principal who clarifies & rectifies before finalizing the accounts.

**The Objective of Internal & External Audit:**

The primary objective of conducting Internal and External audit is to identify the discrepancies in the accounting process. The in house team, consisting of two members, conducts the internal audit twice in a year and registered Chartered Accountants conduct the external audit once in a year. The departmental budget is followed and the optimal utilization of funds and the monitoring of the budget are done through Internal and External Audit.

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

**6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)****6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

0

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

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

The major source of revenue for the institute is the Annual tuition fee collected from students. The fee is collected from students' as per the guidelines issued by the fee fixation committee of state government of Maharashtra. Mobilization of funds is also done through sponsored projects from government and non Govt. agencies.

Budget requirements under recurring and non-recurring heads are

collected from every department before the commencement of the financial year. Before the commencement of the financial year, budget proposal is collected from all departments. The same is placed before the Finance committee and the committee in turn will deliberate and makes necessary changes for a proper balance of receipts and expenditure. The same will be submitted to Local Management committee/Governing Council for approval. Separate budget has been allocated for library, Research and development. Additional funds will be allocated in case of emergency requirement. Some of the namely utilization of funds is towards the expenditure on salary of teaching and supporting staff, purchase of equipment, machinery and furniture, library books, e-subscriptions, electricity charges, consumables, software, internet bills, repair and maintenance, faculty development programs, advertisement, affiliation and approval fees, printing & stationary, sanitation housekeeping- gardening and security charges etc.

File Description	Documents
Paste link for additional information	<a href="https://gnitedu.com/assets/IQAC/IQAC%20MOM%20_2021-22.pdf">https://gnitedu.com/assets/IQAC/IQAC%20MOM%20_2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

IQAC primarily monitors the working particularly in conduction of regular theory and practical classes, lesson plans prepared by the faculties, course completion, delivery mechanism, curriculum transaction and conduct of internal assessments. Ensures that the departments are completing all the activities within the scheduled period mentioned in the academic calendar. The IQAC also ensures that the departments prepare all the required academic and administrative documents before commencement of the classes and are properly notified on time and brought to the notice of all the concerns. Ensures that the departments are conducting the internal assessment, evaluating the scripts and are notifying the marks in the departmental notice boards. Overall monitors the various activities mentioned in the University Academic Calendar and Institute Academic Calendar and ensures about their proper execution by the departments and concerned authorities and persons.

Collects periodical reports from each department regarding the activities and performance of the departments.

Ensures that whether the workloads of the departments are distributed proportionately amongst the teachers. Submits a Comprehensive Report in confidential regarding performance of the departments to the Principal of the Institute.

File Description	Documents
Paste link for additional information	<a href="https://gnitedu.com/assets/IQAC/IQAC%20MO M%20_2021-22.pdf">https://gnitedu.com/assets/IQAC/IQAC%20MO M%20_2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The IQAC developed a continuous review process on teaching learning to sustain effective teaching and learning for targeted outcome. IQAC believes in appropriate planning for success.

Following are parameters on which review is conducted.

#### Curriculum Level

Review of Academic Process Calendar - Annually

Review on Curriculum Planning - Once in Semester

Review on Teaching - Learning (Planning, Execution, Attainment)  
- Once in Semester

Review on Syllabus Completion Monitoring - Twice in semester

Review on Teaching Feedback from students - Twice in semester

Review on Conduct of Remedial Classes - Once in semester

Review on Quality of Projects/Product Development - Annually

#### Co-Curricular Level

Review on Internships and Industrial Visits - Annually

Certification/Value Added course for students - Once in semester

Review on students Technical Paper

Publication in Journals/Technical Events - Annually

Review on Quality of News Letter Publication - Annually

Extra-Curricular Level

Review on Student participation in Cultural Activities - Annually

Review of Student participation in Sports, NSS - Annually

Review on attainment of Cos, POs and PSOs - Annually

Review on ICT / Laboratory facilities - Annually

Review on Best practices/Innovation/ product Development - Annually

Review on FDP conducted / attended - Biannually

Review on Budget planning & utilization - Annually

File Description	Documents
Paste link for additional information	<a href="https://gnitedu.com/assets/IQAC/IQAC%20MO M%20_2021-22.pdf">https://gnitedu.com/assets/IQAC/IQAC%20MO M%20_2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://gnitedu.com/assets/IOAC/IOAC%20MO M%20_2021-22.pdf">https://gnitedu.com/assets/IOAC/IOAC%20MO M%20_2021-22.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

GNIT Shows gender sensitivity through various initiatives and actions for creating safe, Secure and healthy atmosphere in the campus. Sensitization of the students is done through special lectures and functions.

The Women cell aims to empower girl students and faculty to enhance their understanding of issues related to women and to make the college campus a safe place for girls and women and to address the practical issues related to the welfare and equal opportunities for Women Faculty and Students.

#### 1. Safety and Security:

Programs were conducted on "Stress Management for women" to relieve the stress. Counselling is to be done of learning self-defense for protecting themselves and their family. Campaigns were conducted on Women health and hygiene. Seminars were organized for the girl students and women faculty members to generate awareness about legal rights for women and girls. CCTV cameras are installed throughout the college premises to ensure women safety and security in all aspects.

2. Counseling for Girls by Female faculties: A separate woman in-house Counselor will be available in the college to help the students to resolve their issues and help them to live in a safe and secure environment. The Female faculties are given salary during their maternity period. It is made as a mandatory practice to have a general and

personal counseling for girl students every semester.

3. Common Room: Girl's common rooms are set up to provide first aid and to facilitate the sick students to take rest.

File Description	Documents
Annual gender sensitization action plan	<a href="https://gnitedu.com/assets/NAAC/C7/7.1.1%20(1)%20Action%20Plan%20for%20Annual%20Gender%20Sensitization-%20NEW.pdf">https://gnitedu.com/assets/NAAC/C7/7.1.1%20(1)%20Action%20Plan%20for%20Annual%20Gender%20Sensitization-%20NEW.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://gnitedu.com/assets/NAAC/C7/7.1.1%20Specific%20Facilities%20for%20Women.pdf">https://gnitedu.com/assets/NAAC/C7/7.1.1%20Specific%20Facilities%20for%20Women.pdf</a>

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

**B. Any 3 of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**Solid waste management:**

- Various solid wastes such as cups, paper etc., are segregated in the college. They are separated as bio-degradable and plastic waste and procurement of decomposed machine and pit for solid waste is under process.
- All non-essential documents are sent through soft copy. Single sided papers is used for printing

**Liquid waste Management:**

- Chemicals and hazardous materials used for practical purpose are purchased as per requirement and need, so that there is no question of managing disposing outdated chemicals.
- Liquid chemical wastes generated from chemistry laboratory and environmental laboratory are diluted/ neutralized and then discharged. Exhaust fans are installed in the laboratories to exhaust the hazardous gases.

**E-waste management:**

- E-waste from labs is properly collected.
- Non-working Computers, Monitors, IC's, CDs, batteries, pen drives, Discarded or irreparable electrical & Electronic devices and Printers are discarded and scrapped on a systematic basis. Some parts useful for other systems are kept aside for future use. Students are also imparted awareness and education about E-Waste.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

<b>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</b>	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>	A. Any 4 or All of the above

<p><b>1.Restricted entry of automobiles</b>  <b>2.Use of bicycles/ Battery-powered vehicles</b>  <b>3.Pedestrian-friendly pathways</b>  <b>4.Ban on use of plastic</b>  <b>5.Landscaping</b></p>	
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File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

<p><b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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

GNIT is undertaking various initiatives in the form of celebration of days of eminent personalities National Festivals, NSS and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating inclusive environment. These functions help in developing tolerance harmony towards culture, region and linguistics and also communal social economics and other diversities.

We believe in unity in diversity that's why our students respect the different religion, language and culture. We feel the college is our second home and all faculties like a family member. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations and to maintain the religious, social and communal harmony. Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony.

The college and its teacher and staff jointly celebrate the cultural and regional festivals, like New-year's day, teacher's day, orientation and farewell program, Induction program, rally, oath, plantation, Youth day, Women's day, Yoga day, festivals

like Holi Milan celebration, New Year celebration, etc. religious ritual activities are performed in the campus.

In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities.

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

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

GNIT undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens. On 26th Nov , Constitution day was celebrated at GNIT, Nagpur campus. Dr. Sudhir Shelke, Principal GNIT, narrated the fundamental rights, Duties, Values and responsibilities of citizens as stated in Constitution of India. He appealed to all to remember the struggle of freedom and respect the National Flag and National Anthem. Our constitution provides for human dignity, equality, Social justice, Human rights and freedom, Rule of law, equity and respect and superiority of constitution in the national life .The whole country is government on the basis of the rights and duties enshrined in the Constitution of India.

Every year Republic day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Similarly, Constitution day also would be celebrated on 26th Nov every year. Independence day is also celebrated every year to highlight struggle of freedom and importance of Indian constitution.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://gnitedu.com/assets/NAAC/C7/7.1.9%20Activity-%20sensititization%20of%20student%20&amp;%20Faculties.pdf">https://gnitedu.com/assets/NAAC/C7/7.1.9%20Activity-%20sensititization%20of%20student%20&amp;%20Faculties.pdf</a>
Any other relevant information	<a href="https://gnitedu.com/assets/NAAC/C7/7.1.9%20Photos%20-%20Activites.pdf">https://gnitedu.com/assets/NAAC/C7/7.1.9%20Photos%20-%20Activites.pdf</a>

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

A. All of the above

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Institution celebrates/ organizes national and international commemorative days, events and festivals. National festivals play an important role in planting seed of Nationalism and Patriotism among people of India. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff and Students of the institution all come

together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. Republic day- The institution celebrates Republic day on 26th January every year, commemorating the adoption of Indian constitution and spreading the message that India is the largest democratic country in the world. This is a day to remind the students about the constitution of the country and the need to abide by it at all times. The celebration includes the hoisting of national flag and spreading a warm message of nationalism in a speech by the Principal. Independence Day is celebrated every year on 15th of August, parades and flag hoisting is organized and is celebrated to mark freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices. International Yoga day is celebrated on 21st June every year. The yoga Instructor organizes the yoga camp and a speech is conducted to make everyone aware on how Yoga embodies unity of mind and body; thought and action; restraint and fulfillment.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

1. **Title:** Providing an enriched platform for the overall development of the students.

2. **Objective:**

- Allow students to develop strong internal values and confidence.
- Help students to find identity, meaning and purpose in life

3. **Context:** It's a platform for students to take part in higher academic activities and gain value added knowledge and

Accelerate overall academic development among students.

4. Practice:

- Every Department has conducted seminars every year
- Eminent speakers are invited as resource person

5. Evidence of success:

- There is a significant development in the personality of the students & present papers

1. Title: Extension and Outreach Activities

2. Objective:

Extension activities are made mandatory for the students to promote Community linkage, Social Responsibility and Interaction with the public.

3. Context:

In contemporary society, the students are highly ignorant about the problems of the society where they live.

4. Practice:

- Safai Abhiyan and Sanitizer Distribution
- Organizing programs like Tree Plantation, Cancer awareness, Beti Bacho- Beti Padhao Abhiyan, Vaccination Drive, School Kits Distribution in special school, Blood Donation Camps

5. Evidence:

- Our institution has got the "Swachh College Award" and "Social & Educational Field Award" during the year 2021-22 by various Institutions.

File Description	Documents
Best practices in the Institutional website	<a href="https://gnitedu.com/assets/NAAC/C7/7.2%20(1)%20Best%20Practices%20successfully%20implemented%20by%20the%20Institution.pdf">https://gnitedu.com/assets/NAAC/C7/7.2%20(1)%20Best%20Practices%20successfully%20implemented%20by%20the%20Institution.pdf</a>
Any other relevant information	<a href="https://gnitedu.com/assets/NAAC/C7/7.2%20(2)%20Best%20Practices.pdf">https://gnitedu.com/assets/NAAC/C7/7.2%20(2)%20Best%20Practices.pdf</a>

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Guru Nanak Institute of Technology (GNIT) is very keen at facilitating personal commitment to the educational success of students and thus the Academic committee consisting of Principal, senior faculty members and Examination Coordinator prepares the academic calendar well in advance before the commencement of the session/semester. So many efforts are being made for the past few years to change the Teaching - Learning Environment into activity based learning. Following are the methods adopted to transform the academic environment:

1.Changing the teaching methodology by encouraging the faculty to use power point presentation where ever required. 2.Extensive use of online - content and other Video lectures to support the Class - room teaching.

3.Students are encouraged to present poster and oral paper presentations. Counseling system (Teacher Guardian Scheme): Every faculty member is allotted 15 to 20 students to whom one acts as a counselor. The counselor identifies the academic and personal problems of his/her ward. In addition to the classroom interactions, following are the other methods of learning experiences provided to the students: Project work, Short term Industrial visit, Internships, Oral presentation, Seminars/ workshops, Paper presentations/ Group discussions, Providing access to e-journals and e-books, Use of ICT in delivering and learning process.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

Taking into account the strengths, weaknesses opportunities and challenge, the institution has the following plans for thrust towards its vision. 1. To recruit senior faculties with PhD qualification to straighten academic environment. 2. Increase the number of ranks in the University examinations. 3. To establish a research center for PhD Programme in department of Civil Engineering and Mechanical Engineering, affiliated by R. T. M. Nagpur University, built around focus themes for which GNIT Nagpur shall be known globally for national and societal impact. 4. Setup incubation centre and strengthen Entrepreneur Development Cell to produce as many entrepreneurs as possible by mentoring students. 5. To collaborate with industries in specific areas of research/technology. 6. Innovative Research, Publications and Patents. 7. Enhancement in Training Placement activities. 8. Upgrading laboratory facilities to promote research. 9. Holistic grooming of students through employability enhancement schemes consisting of aptitude, English, communication corecompetence. 10. Get 100 % pass percentages. 11. Encourage the students to use the digital platform for learning and manage the academic loss due to pendamic situation.