



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1. Name of the Institution

Guru Nanak Dev Engineering College

- Name of the Head of the institution **Sehijpal Singh**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone No. of the Principal **01615064501**
- Alternate phone No. **9855400448**
- Mobile No. (Principal) **9855279865**
- Registered e-mail ID (Principal) **principal@gndec.ac.in**
- Address **Gill Park, Gill Road**
- City/Town **Ludhiana**
- State/UT **Punjab**
- Pin Code **141006**

2. Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **17/08/2012**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Grants-in aid**
- Name of the IQAC Co-ordinator/Director **Jagbir Singh**
- Phone No. **01615064537**
- Mobile No: **9216408335**
- IQAC e-mail ID **jsdhillon26@rediffmail.com**

3. Website address (Web link of the AQAR (Previous Academic Year)) https://gndec.ac.in/sites/default/files/AQAR%202021-22_0.pdf

4. Was the Academic Calendar prepared for that year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://gndec.ac.in/sites/default/files/ac23-24jd.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.1	2015	01/05/2015	30/04/2020
Cycle 2	A	3.01	2021	31/08/2021	30/08/2026

6. Date of Establishment of IQAC **21/01/2014**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Guru Nanak Dev Engineering College	TEQIP III	MHRD	06/03/2019	70000000

8. Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

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

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

10.Did IQAC receive funding from any funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Nil	Nil

13.Was the AQAR placed before the statutory body? **No**

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Nil	Nil

14.Was the institutional data submitted to AISHE ? **Yes**

- Year

Part A**Data of the Institution**

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• Name of the Head of the institution	Sehijpal Singh
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	01615064501
• Alternate phone No.	9855400448
• Mobile No. (Principal)	9855279865
• Registered e-mail ID (Principal)	principal@gndec.ac.in
• Address	Gill Park, Gill Road
• City/Town	Ludhiana
• State/UT	Punjab
• Pin Code	141006
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• Type of Institution	Co-education
• Location	Urban
• Financial Status	Grants-in aid
• Name of the IQAC Co-ordinator/Director	Jagbir Singh

• Phone No.	01615064537				
• Mobile No:	9216408335				
• IQAC e-mail ID	jsdhillon26@rediffmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://gndec.ac.in/sites/default/files/AQAR%202021-22_0.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://gndec.ac.in/sites/default/files/ac23-24jd.pdf				
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Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.1	2015	01/05/2015	30/04/2020
Cycle 2	A	3.01	2021	31/08/2021	30/08/2026
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Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
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9.No. of IQAC meetings held during the year	1				

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<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
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<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:		
Plan of Action	Achievements/Outcomes	
Nil	Nil	
13. Was the AQAR placed before the statutory body?	No	
<ul style="list-style-type: none"> Name of the statutory body 		
Name of the statutory body	Date of meeting(s)	
Nil	Nil	
14. Was the institutional data submitted to AISHE ?	Yes	
<ul style="list-style-type: none"> Year 		
Year	Date of Submission	
2022-23	18/01/2024	
15. Multidisciplinary / interdisciplinary		

Nil
16.Academic bank of credits (ABC):
Nil
17.Skill development:
Nil
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)
Nil
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):
Four UG programs, namely B.Tech. (Civil Engineering), B.Tech. (Mechanical Engineering), B.Tech. (Computer Science & Engineering) and B.Tech. (Information Technology) are currently NBA accredited. Similarly two PG programs, namely M.Tech. (Structural Engineering) and M.Tech. (Production Engineering) are currently NBA accredited. The institute is focussed towards getting NBA accreditation for remaining programs as well. These efforts primarily leads towards application of OBE in various programs. Being an autonomous institute also helps in designing the syllabus based on course outcomes and program outcomes which are continuously evaluated and course correction is done to achieve the set outcome targets. All faculty and students are regularly apprised of OBE and its advantages.
20.Distance education/online education:
Nil

Extended Profile

1.Programme

1.1 23

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3525

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

759

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

6191

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

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

757

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2

172

Number of full-time teachers during the year:

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	23
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1 Total number of students during the year:	3525
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	759
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	6191
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	757
File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	172
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	239
Number of sanctioned posts for the year:	

4. Institution

4.1	586
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	63
Total number of Classrooms and Seminar halls	

4.3	800
Total number of computers on campus for academic purposes	

4.4	719.19
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

The institute follows a systematic process for designing, developing and for making changes in the curriculum. Changes in the curriculum as well as new programs are proposed by individual departments after a thorough discussion with all faculty members in the department. Curricula is then discussed with the members of BoS. Developed and implemented curricula comprise of conventional, contemporary and advanced courses

offered by programs of engineering and management at UG, PG diploma, PG and PhD level. The curricula have been evolved by examining the academic, industry, community, employment and entrepreneurship requirements at local, regional, national and global stages with well-defined learning objectives and outcomes at program and course level. Outcome based learning is emphasized in the institute with well defined graduate attributes, and learning outcomes at programme, programme-specific and course levels. Targeted goal of the outcome based learning is to enable the graduates to possess the requisite engineering knowledge to develop an attitude of the problem solving and exhibit skills for design and development of solutions. Graduates must be able to demonstrate the usage of modern tools and take the informed decisions highlighting the societal and environmental impacts of such decisions.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

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

0

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
Details of syllabus revision during the year	No File Uploaded
Any additional information	No File Uploaded

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

167

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

1.2 - Academic Flexibility

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

4

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

20

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

At undergraduate level, various courses concerning vital human

values and professional ethics have continuously been offered as mandatory courses to orientate students towards ethical practices. At this level, courses such as 'Constitution of India', 'Human Values and professional Ethics', 'Professional Practice, Laws and Sciences including Ethics for IT Engineers', 'Education, Technology and Society' and 'Civil Engineering- Introduction, Societal & Global Impact' are being offered across all streams of engineering as mandatory courses. Besides, the course 'Business Ethics and Corporate Social Responsibility,' dealing with professional ethics, has also been made part of BBA program. A mandatory course on 'Environmental Science' is being offered for all branches of engineering at undergraduate level. An Ability Enhancement Compulsory Courses (AECC) namely 'Environmental studies' as compulsory course is included at BBA level.

The courses such as 'Renewable Energy Resources', 'Non-Conventional Energy Sources', 'Renewable Energy Resources Program', 'Energy Conservation and Management', have been offered for Mechanical Engineering, Production Engineering and Electrical Engineering streams at graduate level. At postgraduate level, MBA department has been offering two subjects namely 'Seminar on Indian Ethos and Ethics' and 'Seminar on Social Responsiveness' with the intent of creating students' connect with Indian socio-cultural milieu.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

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

2

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

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

6

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

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

800

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

1.4 - Feedback System

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

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://tinyurl.com/StakeholderFeedbackCriteria
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following

C. Feedback collected and analysed

File Description	Documents
Provide URL for stakeholders' feedback report	https://tinyurl.com/StakeholderFeedbackCriteria
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1025

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

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

324

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The assessment of the students is done by internal house tests and end semester examination. Advanced learners are motivated to do additional/challenging assignments/ project work to secure top ranks at the university level. Various symposiums like quiz, poster presentation, conferences, inter institution competitions, etc. are conducted to enhance their creativity level. Advanced learners are also encouraged to enroll themselves in MOOC Courses through Swayam / NPTEL portal. The institution also organizes Induction programs for fresher so that students can be instilled with a positive attitude and get boosted to explore their intelligence quotient level.

in the following ways:

Institute organizes Extra classes for slow learners during the semester, giving practice assignments. Students are provided with extra reading material to improve basic understanding of the subject. Bilingual explanations and discussions are imparted to the slow learners after the class hours for a better understanding of the subject matter. Remedial classes and peer to peer learning sessions are arranged at department level for slow learners.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://guru.gndec.ac.in

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2024	3525	203

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

Different participatory learning methods such as participant-centered learning are adopted by the faculty members to built an interactive environment in the class. The lessons are taught through Powerpoint presentations to make learning interesting besides oral/conventional presenting methods. More projection is given to the computer-assisted and practical learning that helps to visualize the subject matter more precisely. To improve critical thinking, creativity, and problem-solving skills among students; Case Studies are provided and students are asked to prepare project reports.

The students are taught to practically test the concepts that they theoretically learned in the classroom through Brainstorming, Roleplay, Field survey/ Fieldwork/ Field trips, Debates, Quizzes, College magazine-designing, industrial visits, Group discussions, Case Analysis, Roleplays, Designs Projects, Presentations, Term Papers / Seminar, Home Assignments, Minor Project, Industry internship, Major Project, Survey Camp for civil students etc.

Various Technical societies handled by students and guided by teachers are active in college for professional and soft skill enhancements. Thecollege also has FM community radio 90.8 MHz within Radius 20 km of GNDEC campus, Cultural committee and dedicated Sports department.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://guru.gndec.ac.in

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

Faculty makes intensive use of ICT enabled tools including

online resources for effective teaching and learning process. Multimedia teaching aids like, LCD projectors, classrooms with internet facility are available. The electronic resource packages like DELNET, NPTEL, SPOKEN TUTORIAL and Digital Library are available. Certain faculty members are also recording their video lectures and then uploading in YouTube, where the students can watch these lectures as per their convenience.

Open source software Moodle is installed on college servers having url: <https://guru.gndec.ac.in/guru/>.

Sufficient number of books, Journals, e-journals and e-books are available in the library. The REFREAD digital library is very important ICT facility for the students.

The college has four seminar halls, equipped with ICT tools.

Each student is given a login account for all academic & examination related activities and all important information related with academics, fee and examination is available to the students in their dashboard.

The college radio is another ICT tools, which is helpful for the students to develop their personality. Students record and air discussions and debates on important issues and career opportunities from time to time.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://gndec.ac.in/gallery/picture.php?/1190/category/41
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

181

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

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

In each Academic year, the Academic calendar is prepared semester wise (Odd and Even semester) by Dean Academics. It comprises of all mandatory guidelines provided by the university. It is designed in the following manner:-

1. Start and End dates for all the courses of the current semester.
2. Start and End dates for First Mid-semester examination and Second Mid-semester examinations for all courses.
3. Duration of Preparatory holidays for End semester examination of students.
4. End semester examination dates for all Courses.
5. Practical Examinations for all the branches will start immediately after the end of regular examinations.
6. Vacation dates for faculty members.

In designing an Academic calendar, a minimum of 90 working days must be ensured in a semester keeping the view of university norms. In a case falling short of 90 days, it should be compensated by making Saturday/Holidays Working.

In addition to the above mentioned details, the duration for the following events is also provided during Even semester:-

1. Athletic Meet
2. Cultural Fest (Anand Utsav)
3. Annual Convocation
4. Foundation Day
5. Institutional Training.

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

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year	
203	
File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File
2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year	
17	
File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File
2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)	
11	
File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File
2.5 - Evaluation Process and Reforms	
2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year	
13	

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

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

248

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

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

The examination procedure consists of four sections: Conduct section, Secrecy section (Question Paper Setting and Printing), Evaluation Section, and Result Section. In the Conduct section, the examination form is filled and submitted, a provisional date sheet is announced and finalized, and admit cards are issued. Duties are assigned to staff members and students are allocated to different examination centers. In the Question Paper and Printing section, study schemes are obtained, question papers are set by subject experts, printed, and distributed to invigilators. Discrepancies in question papers are addressed by a grace awarding committee. In the Evaluation section, answer sheets are collected, evaluated by examiners, and marks are uploaded. The Decoding and Result section involves decoding answer sheets, preparing the result, incorporating grace marks if applicable and publishing the provisional result. IT integration has automated processes like examination form generation, secrecy code generation, and result compilation. Continuous internal assessment, including assignments and quizzes, is conducted to assess students' understanding throughout the semester. Currently a new independent building is being constructed for better security and confidentiality.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://exam.gndec.ac.in/

2.6 - Student Performance and Learning Outcomes

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

Programme Outcomes (PO) were formulated reflecting the Vision, Mission and Strategies of the College and the UGC guidelines on Graduate Attributes. While formulating POs, the College considered academic excellence, research potency, human values, livelihood generation, upliftment of rural India and job prospects of the stakeholders. The suggestions of alumni and other stakeholders were also taken into account. Students are introduced to POs through College Website, Digital Board, Handouts and orientation by the concerned course teachers. The Programme Specific Outcomes (PSO) are designed by the concerned Departments with their respective vision, mission and scope of the programme. The Course Outcomes (CO) are formulated by the Department in consideration with the course teachers and with expected cognitive, affective and psychomotor learning levels. Each department follows OBE modules for all the courses. Teaching Methods, Course Outcomes, and Mapping of COs with PSOs and POs. Attainment of COs and POs are measured at different stages of the programme. The College follows the Choice Based Credit System (CBCS) to widen the teaching and learning activities by which students have the flexibility to opt for courses of their choice.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://appsc.gndec.ac.in/sites/default/files/2025-01/Link%20to%20academic%20portals%20of%20all%20departments.pdf

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

The key aspects in Outcome-Based Education (OBE) are the assessment of course outcomes. At the initial stage of OBE implementation, the Course Outcomes (CO's) for each course are defined based on the Program Outcome (PO's) and other requirements. At the end of each course, the COs are assessed and evaluated, to check the level of attainment.

To record the attainment of course outcomes the following assessment tools are used:

Direct Methods:

The direct assessment for theory courses is done through following parameters:

Mid Semester Tests,

Quizzes and Assignments,

End Semester Theory Examinations (ESE)

Direct Assessment for Practical courses is done through following parameters:

Continuous Internal Assessment (CIA), External Practical Examination, Seminars and Presentations, Project Work,

Indirect Assessment Methods

The different stakeholders are indirectly involved in assessing course outcomes as per the following:

Course Embedded Survey: During the program

Graduate Exit Survey: After completion of graduation

Alumni Survey: After one year of graduation

Employer Survey: After three years of graduation

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://appsc.gndec.ac.in/sites/default/files/2025-01/CO_PO%20attainment%20process%20compressed.pdf

2.6.3 - Pass Percentage of students

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

818

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://appsc.gndec.ac.in/sites/default/files/2025-01/ANNUAL%20EXAMINATION%20REPORT%20SESSION%202023-2024_0001.pdf

2.7 - Student Satisfaction Survey

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

<https://appsc.gndec.ac.in/sites/default/files/2025-01/SSS%202023-24%20results.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

In a country that is expanding steadily, research and development is crucial to economic expansion. With a long history of research and development, GNDEC, Ludhiana, has sought

to consider competitive global solutions with a rural heritage. The institute keeps encouraging faculty and students to pursue research by offering seed money to advance scientific understanding and develop new technologies that will benefit the country. The results of the study conducted by our faculty are published in prestigious journals. A number of patents have been filed or published, and one has been awarded to institute faculty. In order to further encourage research, the institute offers rewards for research papers published in prestigious publications that have a high impact factor.

The institute follows a well-defined research policy since 2019 and provides seed money to faculty members to carry out the research. The research policy of the institute is available on the website. In regard to the promotion of research, the faculty members published many research articles in highly reputed journals with impact factor. In year 2023-24, 6 faculty members have been granted seed money. The h index of Institution is 54(Web of Science) and 73(Scopus).

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.gndec.ac.in/sites/default/files/Research%20Policy.pdf
Any additional information	View File

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

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

5.15 lakhs

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

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

1

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

3.2 - Resource Mobilization for Research

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

33.45 lakhs

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

3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

17

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

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

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	View File

3.3 - Innovation Ecosystem

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

Description—"INNOVATION ECOSYSTEM"

The policies conforming to "Research and Development" have been strengthened in GNDEC through Research and Consultancy Cell, which has been formed for both faculty and students, thereby

invigorating high standards of academics and research.

Moreover, an IPR Cell has also been formed to hearten up our innovations with each passing day. Various events/activities are being brought up onto the table to take the multiple steps further, meanwhile gaining more and more.

A sister concern of Guru Nanak Dev Engineering College, Gill Road, Ludhiana and promoted by the State and the Development of Science and Technology, Govt. of India, STEP-GNDEC, established in 1986, gives an opportunity to new entrepreneurs to start their ventures. It has been conducting successfully Entrepreneurship Awareness Camps (EACs) of 3 days' duration under the aegis of Department Of Science & Technology (DST) Govt. of India and Entrepreneurship Institute (EDI, Ahmedabad).

Adding to this, the focus is given on implementation of reforms, achievements in project activities under different sub-components, procurement of resources and services, utilization of financial allocations and achievements in faculty and staff development and management development activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	a. https://www.gndec.ac.in/?q=node/32 b. https://gndec.ac.in/?q=node/542 c. http://stepgndec.com/

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

2

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

3.4 - Research Publications and Awards	
3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above
3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year	
3.4.2.1 - Number of PhD students registered during the year	
25	
File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded
3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year	
28	
File Description	Documents
URL to the research page on HEI website	https://www.gndec.ac.in/?q=node/32
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

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

0.24

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.gndec.ac.in/sites/default/files/3.4.4%2023-24.pdf

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

3.4.5.1 - Total number of Citations in Scopus during the year

230

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

73

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

3.5 - Consultancy	
3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)	
5 Crore 51 lakhs	
File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File
3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year	
Rs. 53100/-	
File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded
3.6 - Extension Activities	
3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year	
Various extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2023-23 as per attached list.	

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

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

7

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

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

4

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

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

4

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

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/

student exchange/ internship/ on-the-job training/ project work

31

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

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

5

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

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

Guru Nanak Dev Engineering College, spread over 67 acres, features a meticulously planned campus adorned with lush greenery, pathways, and vibrant flower beds. It houses a college building, hostels, a swimming pool, sports facilities, a Gurudwara Sahib, a bank, a dispensary, a post office, and an open-air theater. The college is renowned for its modern infrastructure, which includes LCD and Overhead projectors, Conference Rooms, a Digital Library, Wi-Fi, and over 1000 computers. The campus comprises 58 classrooms, 68 laboratories, a well-equipped workshop, central library along with departmental libraries and 5 Seminar Halls. A computer center offering network connectivity to approximately 3000+ nodes, web access, email services, and high-speed internet.

Each group of 20 students is assigned an academic mentor for personalized guidance. The college hosts various societies and clubs to cater to student interests and continuously upgrades its facilities. It also ensures that the infrastructure is accessible to students with disabilities.

In summary, Guru Nanak Dev Engineering College provides comprehensive infrastructure and resources for teaching and learning, including advanced classrooms, well equipped labs, and cutting-edge computing facilities. Its commitment to academic excellence and student welfare creates an ideal environment for holistic education and personal development.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gndec.ac.in/gallery/picture.php?/1061/category/38

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

Guru Nanak Dev Engineering College emphasizes the holistic development of students by offering extensive facilities for cultural and sports activities. The campus includes playgrounds, a swimming pool, and a fully equipped gymnasium, fostering a competitive spirit among students. Since 1997, the college has consistently achieved the distinction of being the overall university champion for both men and women. It also provides substantial support for students to participate in inter-university sports and cultural events.

The college's cultural infrastructure includes a state-of-the-art central auditorium and an open-air theater. The auditorium, with a seating capacity of 650, has been serving the institution for nearly 50 years, while the open-air theater, constructed in 2014, accommodates 3000 people. Both facilities are designed to meet the needs of the student body. The air-conditioned auditorium features advanced projection systems, superior acoustics, flexible lighting, and absorbent ceilings. The open-air theater includes green rooms, permanent seating, toilets, and a spacious stage, providing a professional setup for various

events.

Regular cultural programs and performances by renowned groups are organized at these venues, benefiting students and the local community. In essence, the college's top-notch facilities for sports and cultural activities ensure the well-rounded growth of students and contribute to a lively and engaging campus environment.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://gndec.ac.in/gallery/picture.php?/1063/category/39

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

63

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

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

96.60

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

4.2 - Library as a Learning Resource

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

Library of the institute is fully automated with e-Granthalaya software package which is an integrated multi-user library management system that supports all in-house operations of the Library.

Name of the ILMS software: e-granthalya Nature of automation (fully or partially): Fully Version: 3.0

Year of automation: 2009

URL: <https://library.gndec.ac.in/>

Online Public Access Catalogue facility is available at the Reference Desk on the Ground Floor of the Library. Library collection can also be accessed through Web OPAC at any terminal on the Campus Network. The reference collection of the Library is continuously updated and augmented with the acquisition of CD-ROM databases and access to online databases on the Internet. Library is also connected with DELNET for inter-library loan and document delivery services.

e -Granthalaya has been developed by a team of experts from software as well as Library and Information Science discipline and is useful for the automation of in-house activities of libraries and to provide various online member services. The software provides built-in Web OPAC interface to publish the library catalog over Internet and is UNICODE Compliant thus, supports data entry in local languages.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://library.gndec.ac.in/

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

A. Any 4 or more of the above

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

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

15.13

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

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

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

227

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

4.3 - IT Infrastructure

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

The Central Computer Centre (CCC) at the institution provides various services including LAN/WLAN implementation, software and hardware maintenance, equipment procurement and support. It offers Internet access and network services to the entire institute through leased line connections. The CCC maintains a campus-wide LAN with wired nodes and wireless access points. It has state-of-the-art computational labs, a data center, and provides round-the-clock Internet access to users. User

authentication is done through a username and password-based system, with LDAP server configuration for maintenance.

Cybersecurity measures such as Unified Threat Management and Firewalls are in place to ensure the security of the network. The CCC organizes online courses and also offers repair and maintenance services for electronic instruments, PCs, and peripherals. It contributes to the implementation of an in-house ERP software system and is responsible for maintaining the institutional website, mail server and other servers. The institution has an IT policy that covers Wi-Fi, cyber security, and other aspects, and has allocated a budget for updating its IT facilities. The main aim of the CCC is to provide better support and services to promote the individual and collective growth of the users.

IT Policy

Internet Policy

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gndec.ac.in/sites/default/files/4.3.1.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3369	800

File Description	Documents
Upload any additional information	View File

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

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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

E. None of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

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

25.55

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

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

The Nankana Sahib Education Trust is responsible for overseeing the construction, maintenance, and upkeep of the institute's infrastructure. The trust works alongside individual departments to ensure efficient management of all facilities, including classrooms, laboratories, the library, sports complex, and IT resources such as computers, printers, projectors, and network peripherals. The Annual Maintenance Contracts are also signed

with different Vendors by the Institute wherever required.

The Central Maintenance Cell (CMC) handles the maintenance and construction of physical infrastructure, with a team of masons, plumbers, electricians, gardeners, and helpers led by an SDO and Estate Officer. Each department submits maintenance requests to the Officer Incharge CMC, who assigns tasks to the appropriate staff. Laboratory equipment is maintained by dedicated departmental staff, while IT systems like EPABX and CCTV are managed by a technician.

The Central Computer Centre (CCC) oversees IT infrastructure, including computers, network devices, and software. A team of system analysts, programmers, and technicians address hardware, software, and network issues. Maintenance problems are promptly reported and resolved with external contractors involved when necessary.

Sports facilities are managed by full-time groundskeepers and coaches, ensuring that equipment and grounds are maintained.

The institute takes proactive steps to improve the campus environment, maintaining an organized system to support both academic and extracurricular activities for students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://cc.gndec.ac.in/sites/default/files/mpc.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

658

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

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

152

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://gndec.ac.in/
Details of capability development and schemes	View File
Any additional information	View File

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

1118

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	No File Uploaded

5.2 - Student Progression

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

281

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

5.2.2 - Number of outgoing students progressing to higher education

25

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

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

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

8

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

5.3 - Student Participation and Activities

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

2

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

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

College creates a platform for the active participation of the students in the various academic & administrative bodies including various activities such as Training and Placement, Sports etc. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. Various

programs like paper presentations, workshops and seminars are organized by the body through other societies in every year

Student Council: The main aim of student council is to share student's idea, interests with the college administration. At this platform the students have the opportunity to express their views on issues concern to college

Training and Placement Committee: The students extensively serve on the placement committee and are primarily responsible for smooth conduct of placement sessions when organizations visit GNDEC campus. The main responsibilities handled by the students are as follows:

ISTE and SCIE Committee: Student committee members are responsible for organizing the student activities. They are also acting as brand ambassadors of the society and help in recruiting and grooming their juniors. They are responsible for coordinating with experts for various programs.

Sport Student Committee: The member students coordinate in the conduct of various sports activities in the campus and show their ability to handle such events.

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

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

12

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

5.4 - Alumni Engagement

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

Alumni is always an effective role model and can be easily accepted by students. The involvement of alumni in supporting and providing contributions voluntarily to this Institution is maintaining (Annexure 1).

Our alumni actively engage with students by sharing their career experiences, offering valuable insights on topics such as time management, financial management, self-discipline, character development, and career planning.

Career Mentorship: They assist in identifying career opportunities, facilitating hands-on learning experiences, and helping students secure internships or work placements in industries where alumni have established themselves.

Expertise Contribution : Our alumni contribute significantly by sharing their industry knowledge through guest lectures, enriching students' learning experiences.(Annexure 2).

Enhanced Student Recruitment Efforts : Alumni actively promote our institution as a leading provider of higher education. By serving as voluntary ambassadors during recruitment efforts with faculty, they play an important role in attracting prospective students (Annexure 3).

Increased Fundraising Efforts : Their contributions bolster annual fund collections, which support scholarships, student activities, cultural programs, and research and development initiatives.

Syllabus Enhancement Suggestions : Many alumni serve on departmental boards of studies, actively participating in curriculum development. They offer valuable suggestions for refining syllabi, proposing additions or deletions to topics across various subjects.

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

5.4.2 - Alumni's financial contribution during the year	C. 5 Lakhs - 10 Lakhs
File Description	Documents
Upload any additional information	View File
GOVERNANCE, LEADERSHIP AND MANAGEMENT	
6.1 - Institutional Vision and Leadership	
6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution	
<p>Established in 1956 under the aegis of the Nankana Sahib Education Trust, Guru Nanak Dev Engineering College (GNDEC) is a prestigious and pioneering institute in northern India. As an autonomous institution under the UGC Act, GNDEC has been committed to advancing rural education and meeting the growing demand for skilled technical and professional manpower. With over 66 years of excellence, it is recognized as one of India's leading institutions providing quality education in engineering and technology.</p> <p>The college offers seven undergraduate engineering programs, along with BCA, BBA, B.Com Entrepreneurship, B.Voc.(Interior Design) and 15 postgraduate courses, including MBA and MCA. Additionally, GNDEC is home to the GNDEC School of Architecture and provides Ph.D. programs in most engineering disciplines. As an AICTE-designated Quality Improvement Programme (QIP) center, the institute offers Ph.D. opportunities in Civil Engineering, Mechanical Engineering, and Electrical Engineering.</p> <p>Beyond academic excellence, GNDEC emphasizes the holistic development of its students, fostering growth through sports, cultural, and extracurricular activities. Upholding its rich legacy, the institute remains focused on delivering quality, modern education tailored to the needs of an ever-evolving world. Its Vision and Mission statements reflect its strategic commitment to excellence and innovation in education.</p>	

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

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

The culture of participative management and decentralization is deeply embedded across all levels of the organization. Delegation of authority at various levels ensures the effective implementation of decentralization. The management, guided by its policies and plans, makes key administrative decisions through meetings with the head of the institution. These decisions are subsequently executed by the Deans, Heads of Departments (HODs), and administrative staff.

Authority within the organization is delegated across various levels. The top level, which includes the Chairman, Governing Council, and Principal, is responsible for overseeing and controlling the entire institution. The Principal leads both academic and administrative activities. The middle level, comprising HODs and Deans, plays a crucial role in executing institutional plans. The lower level, consisting of faculty, non-teaching staff, and other personnel, supports the middle level by coordinating the activities assigned to them.

A strong culture of participative management is evident across both academic and non-academic domains. A committee-based system ensures the effective implementation of decisions, with equal representation from Professors, Associate Professors, and Assistant Professors across various committees. Through different statutory and non-statutory committees the integration of decentralization and participative management is exercised thereby enhancing its procedures and overall functioning.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

The strategic plan for the institute has been developed for a time period of five-years (2019–2024) through extensive consultation and contributions from both internal and external stakeholders. This plan encompasses key areas such as Academics, Research, Infrastructure, and initiatives aimed at enhancing employee well-being. Based on the timeline, the initiatives are classified into short-term and long-term plans.

Academic plans emphasize curriculum revision and updates to improve student employability, support start-ups, and open opportunities for higher studies. The curriculum is designed to foster innovation and creativity among students.

Another area of focus is Industry-Institute Interaction. The institute's Industry Cell actively promotes collaborative approaches to address industrial challenges, particularly those faced by MSME units in the region. This is achieved by engaging industrial professionals, faculty, staff, and students from undergraduate, postgraduate, and research programs across all disciplines.

Infrastructure development is managed by the Maintenance Cell, which ensures existing facilities are well-maintained and new facilities are developed as needed.

Additionally, various welfare measures and schemes are in place to support the institute's employees, reflecting a commitment to their well-being and professional growth.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The functioning of any organization relies on its institutional bodies, each with defined responsibilities, as outlined in the Organizational Organogram. At GNDEC, a top-down approach is followed, with the Board of Governors (BOG) at the apex. The BOG serves as the principal executive body, steering the institute's direction and overseeing its operations. This body comprises individuals with extensive expertise in academics, research, industry, and administration, ensuring well-informed decision-making. The Governing Council, an integral part of the BOG, holds regular meetings and engages with stakeholders to identify areas for improvement. Members of the BOG are elected for a tenure of three years.

Following the BOG in the hierarchy is the Principal, who is responsible for the institute's overall administration and academic management, adhering to the policies and guidelines established by statutory authorities. Below the Principal are the Deans, the Controller of Examinations, and the Heads of Departments, who collectively ensure the smooth execution of academic and administrative functions. At the foundational level of the organogram is the ministerial staff, supporting the daily operations of the institution.

All rules, policies, recruitment, and promotional procedures adhere to the norms established by AICTE and GNDEC, maintaining transparency and standardization. This hierarchical framework ensures effective governance and seamless functioning of the organization.

File Description	Documents
Paste link to Organogram on the institution webpage	https://gndec.ac.in/sites/default/files/6.2.2%200.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

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

C. Any two of the above

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

6.3 - Faculty Empowerment Strategies

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

The various welfare schemes for teaching and non teaching staff include:

- Benvolent Fund: Meant only for non-teaching staff, a sum of Rs. 2000/- is contributed by all non-teaching staff.
- Staff Medical Loan: Deduction is made from all the faculty/staff member as under:-Teaching: Rs. 150/month Non-Teaching Class-III Rs. 100/month, Class-IV Rs. 75/month.
- Staff Medical Aid: Deduction @ Rs. 100 per month is made from all teaching and non-teaching staff. Medical aid is extended twice to staff member for their own treatment.
- MOU and Tie ups with hospitals for medical facilities.
- Maternity benefits: Maternity benefits as per the govt rules and regulations.
- Recreational facilities : children park, swimming pool,

Running track, Gymnasium, Grounds for football, hockey, badminton, volley ball etc

- Accidental Policy Students, Staff: In case of students, if some mishappening like death occurs (student/bread earner), then there is claim of Rs. 2.00 Lacs.
- Retirement benefits : The teaching and Non-teaching staff have the privilege of Gratuity, Contributory Provident Fund, Employee Provident Fund and Leave encashment.
- Leaves Facilities: Different kind of leaves are provided to teaching and non-teaching staff as per stipulated norms.
- In Campus Residential facilities, Banking Facility, Post office,
- Career Development Teachers are provided with financial support to attend conference/workshops, Re-imbusement of Ph.D fee, MOOCS courses, International/ national travel grant etc.

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

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

50

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

3

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

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

124

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The institution conducts regular internal and external financial audits to assess its financial position and ensure transparency. Each year, Guru Nanak Dev Engineering College undergoes a thorough financial audit by competent authorities. Auditors visit the college at regular intervals, scrutinizing every financial transaction in detail, from its approval by the relevant authority to its proper execution and implementation.

Audits are carried out in accordance with generally accepted auditing standards in India. The resulting audit reports are made accessible for public review, reflecting the institution's commitment to transparency. Typically, no significant audit objections are raised. When minor objections occur, they are promptly addressed, and corrective measures are implemented.

The annual financial statements, which include income and expenditure reports for the previous five years, are meticulously prepared. Hard copies of audited balance sheets for

each accounting head over the past five years are readily available for reference. Additionally, year-wise balance sheets for different accounting heads are displayed on the college website, ensuring public accessibility and transparency.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

28.83

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

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

The systematic generation and mobilization of resources at the institution is managed efficiently. Faculty members are kept informed about various schemes from state and central government bodies, as well as other funding agencies, through their respective Heads of Departments. Faculty are encouraged to actively seek grants from these organizations. As a result of these efforts, the college has successfully secured grants under TEQIP-III, DST-FIST, MODROB, ISTE, and GIAN. A detailed list of grants received by faculty under these categories over the past five years is attached.

After the grants are utilized, audited resource utilization certificates are submitted to the relevant authorities. The college also maintains a robust Corpus Fund amounting to ₹14 crores under several categories, including:

- General Corpus Fund
- Equipment Replacement Fund

- Maintenance Fund
- Faculty Development Fund

Guru Nanak Dev Engineering College actively pursues funding from additional sources such as alumni contributions, consultancy projects, and research initiatives facilitated through industry-institute interaction. Further resource mobilization is achieved by investing surplus funds in short- and long-term fixed deposits, generating interest income.

Fund Utilization Strategies

1. **Budget Allocation:** Financial requirements of each department are assessed, and budgets from the development fund are allocated accordingly.
2. **Procurement:** The purchase of equipment or assets follows a proper and transparent procedure.
3. **Infrastructure Development:** A dedicated committee oversees infrastructure projects.
4. **Payments:** Payments are released only after inspection committee approval.
5. **Monitoring:** Periodic reviews ensure effective and efficient fund utilization.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

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

The Internal Quality Assurance Cell (IQAC) plays a pivotal role in fostering and maintaining a culture of quality enhancement in educational institutions. Two key practices have been institutionalized:

1. Outcome-Based Education (OBE):

IQAC initiatives have driven the adoption and implementation of Outcome-Based Education within the institute. This approach involves systematic curriculum planning, student-centric instructional strategies, and effective assessment methods to gauge the achievement of desired outcomes. By institutionalizing OBE, the institute aims to enhance the overall quality of education, ensuring graduates possess the skills and abilities needed to meet industry and societal demands.

2. Documentation and Knowledge Management:

The IQAC has established strong documentation and knowledge management practices, including the maintenance of a centralized repository for all IQAC-related documents such as policies, guidelines, reports, and meeting minutes. This repository is organized, regularly updated, and accessible through the college's website (www.gndec.ac.in). By institutionalizing documentation and knowledge management, the IQAC ensures consistency, continuity, and operational efficiency, even during personnel changes or transitions.

These practices—OBE and documentation and knowledge management—have significantly contributed to enhancing the educational experience, improving student outcomes, and supporting the professional growth of faculty and staff.

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

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

- 1. Technology-Enabled Learning Initiatives:** IQAC initiated a comprehensive institutional review to explore opportunities for enhancing teaching and learning through technology.
- 2. Learning Management System (LMS) Integration:** The IQAC spearheaded the adoption of a robust LMS platform (guru.gndec.ac.in) across all departments. The LMS became a central hub for managing course materials, assignments, assessments, and interactive discussions
- 3. Online Learning Resources:** The IQAC collaborated with

faculty to develop and curate a rich repository of online learning resources, including video lectures, interactive simulations, and multimedia presentations.

4. **Review of IQAC Structure and Functioning:** IQAC undertook a thorough review of its structure and functioning to assess its effectiveness and identify areas for enhancement.
5. **Diversified Representation:** The IQAC expanded its membership to include representatives from various departments, as well as external experts for greater exposure and varied perspectives.
6. **Streamlined Communication and Decision-Making:** The IQAC established clearer communication channels and simplified its decision-making processes to improve operational efficiency.

These reforms strengthened the IQAC's governance structure, improved its ability to drive quality enhancement initiatives, and ensured alignment with the institution's vision and mission.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.gndec.ac.in/sites/default/files/6.5.3_23-24.pdf

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

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://gndec.ac.in/?q=node/344
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Institution provides facilities such as: a) There is an arrangement for 24x7 security staff at Hostels and the two Entry Gates alongwith CCTV facility. The institute has sufficiently high boundary wall around its complete perimeter to prevent trespassing. b) Various senior officials of GNDEC including the Principa lreside inside the campus for easy approachability during any exigent situation. c) The girls' hostel has additional fencing around each block and 24-hour security with CCTV assistance. d) Checking of vehicles at all entry points is carried out. e) Entry of outsiders in residential areas is strictly regulated. f) The institute has in place an Internal Complaint committee

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gndec.ac.in/?q=node/476 ; https://gndec.ac.in/sites/default/files/Non%20Statutory%20Committees_2.pdf

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

B. Any 3 of the above

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

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

E-Waste : The institute follows the policy as laid down by Punjab Pollution Control Board for disposal of e-waste and MOU with vendor exists. Also a committee approved at institute level to look after the disposal of this waste.

Solid waste management: All the Biodegradable materials such as garden waste is converted into manure in compost pits which are used as an organic fertilizer for the gardens in college campus and for the college Nursery. Non-biodegradable materials such as paper and plastic waste are segregated by putting in blue coloured bins at different locations in the campus and this garbage is then picked by Ludhiana Municipal Corporation at regular intervals.

Liquid waste management:The College has a rain water harvesting unit for rain water management. A sewage treatment plant with a capacity of 500 kld is installed in the college campus. Treated water is used for gardens and grounds in the college campus.

Waste recycling system: Bio-degradable materials such as Food waste from college hostel and canteen and staff quarters are converted into manure using vermi composting. The swimming pool waste water is also being utilised in the college grounds using sprinkler system.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge

B. Any 3 of the above

Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	
File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	A. Any 4 or All of the above
File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy undertaken by the institution	
7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	B. Any 3 of the above

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

The Institute, under the able guidance of President of Nanakana Sahib Education Trust(Governing Body of Institute)who is also of President Shiromani Gurdawara ParbandhakCommittee , provides a harmonious atmosphere for all students. Institute has student

admissions from different states across the country. Different Languages which can make the students comfortable in learning are used to teach and solve the concerns of student by Teaching and Non-Teaching Staff Members. Different religious programmes are held in the institute by the students and for the students. The students study in classrooms, stay in hostels and eat in mess harmoniously irrespective of their caste, religion or native place as Sikh religion always preys to almighty for the well being of all the Humans on earth. Institute provides the students a stage to show their culture, traditions by arranging cultural Programs and celebrate their religious festivals of whatever faith they belong to. Cultural Programs, Sports Activities like Annual Athletic Meet, technical events are held every year for the mental and physical well being of the students. NSS and NCC platform is also provided to the students for their overall development. The institute runs various scholarship programmes to address socioeconomic diversity in students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

The institute understands and appreciates the importance of responsible citizens and strives to inculcate values in its students and employees a strong love and affection for the nation and its role models. Students and staff including teaching and non-teaching are guided to increase their knowledge by conducting special lectures and seminars to provide the information of constitutional obligations: values, rights, duties and responsibilities of citizens by the Institute. National days are celebrated in the Institutions like Republic Day, Independence Day, Teacher's Day, Women's Day Engineer's Day, Constitutional Day, Voter's Day for the benefits of staff and students. Lectures are also arranged for the students and staff on current issues like relevance of human values and ethics among engineering graduates, life sketch of national idols like Dr. B. R. Ambedkar, Fundamental Rights and duties enshrined in Indian Constitution etc. A course on "Indian Constitution" and "Human Value and Professional Ethics" have been included in the

curriculum so as to awaken the students towards national values and social ethics. Constitution Day and voter Day are celebrated. Also the institute attempts to kindle the spirit of nationalism in its students and employees by celebrating the birth and death anniversaries of our national heroes as well.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

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

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

The institute celebrates important national and international commemorative events and festivals. The Republic Day is celebrated by hoisting the National Flag in the morning at GNDEC Campus by the Principal and Guard of Honour is given by NCC

Cadet of the college. Sikh Environment Day & World Environment Day are celebrated by organizing a lecture towards the role of keeping the environment clean in well-being of society. Independence Day celebrations are marked at GNDEC by hoisting the National Flag in the morning. Engineer's Day is celebrated at the college by the Local Chapter of Institution of Engineers which organizes expert Lectures. On Swachh Bharat Abhiyan the cleanliness drive in and around the campus is carried out by the students and staff of college. Samvidhan Divas or Constitution day is celebrated in the college by arranging lectures and debates about the constitution of India on 26th November each year. World Mental Health Week- 5th October to 10th October is also celebrated in the institute with an aim to create awareness about mental health issues, both within and outside the institute

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

7.2 - Best Practices

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

Practice - 1 Title: One Semester Industrial Training

Objective: To prepare industry ready students. **The Context:** As is known that the learning is enhanced many times by doing rather than by just reading, this concept of six months industrial training was mooted to help the upcoming graduates adapt to industry seamlessly. **The Practice:** Training undertaken after completion of 6/7 semesters in an industry of choice for a 6 month period. **Evidence of success:** More readily acceptance of students for employment in industry. **Problems encountered:** Lack of trust between academia and industry .

Practice - 2 Title : Objective Evaluation **Objective:** To create measurability of the level of learning attained by the students **The Context:** The outcome based learning is aimed at equipping

students in higher education with higher order thinking skills. The Practice: Formulating clear and objective course outcomes for each course and designing a question paper format which enables measuring the extent of learning with respect to course outcomes using revised Bloom's Taxonomy.

Evidence of Success: Screening committees at departmental levels created to review the question papers prepared and report any shortcomings for revision before it is ready for use. Problems Encountered: Continuous effort are required on part both learners /facilitators.

File Description	Documents
Best practices in the Institutional website	https://gndec.ac.in/sites/default/files/7.2.1%20BEST%20%20PRACTICES.pdf
Any other relevant information	https://www.gndec.ac.in/sites/default/files/Supporting%20documents%20Best%20Practice%20-%201.pdf ; https://www.gndec.ac.in/sites/default/files/Supporting%20documents%20Best%20Practice%20-2.pdf

7.3 - Institutional Distinctiveness

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

Guru Nanak Dev Engineering College has a rich legacy of empowering rural students since its inception in 1956. With a strong focus on transforming talented rural students into technocrats, has established itself as a beacon of excellence in engineering education. Rural students often face significant challenges in accessing quality education, including limited access to resources, language barriers, and cultural differences. To address these challenges, it has implemented a range of initiatives. So, the Foundation Day celebrations featured GNE's APEX 2024, managed by 1st year students. The event brought together students from various schools, showcasing their talents in various field.

Moreover, the institute's commitment to community engagement and social responsibility is reflected in its NSS Unit, which

designs and coordinates programs to address pressing social issues like Rural Illiteracy, Female Foeticide Prevention and General Hygiene and Cleanliness.

Also, GNDEC's distinctive approach to empowering rural talent has yielded remarkable results, with its alumni occupying prominent positions in various fields. The institute's commitment to community engagement, social responsibility, and excellence in education has established it as a leader in the field of engineering education. It has a robust student feedback mechanism in place, which helps to improve and enhance the overall learning experience.

File Description	Documents
Appropriate link in the institutional website	https://gndec.ac.in/?q=node/7
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

In line with our mission to democratize access to quality education, we aim to empower rural students to pursue engineering careers, thereby fostering a new generation of technocrats. This initiative seeks to bridge the gap between rural talent and opportunities in the field of engineering.

Strategic Plan

To achieve this objective, we have outlined a comprehensive strategic plan, comprising the following key initiatives:

1. Rural Outreach Program: Organize awareness visits to rural schools, highlighting the institute's reservation policy and showcasing the benefits of engineering education.
2. Career Inspiration and Guidance: Deliver motivational talks to school students, showcasing the institute's history, achievements, and the relevance of engineering education in shaping successful careers.
3. Mentorship and Handholding: Nurture rural students' interest in engineering, providing guidance and support throughout the admission process, and facilitating a smooth transition to institute life.

Expected Outcomes

Through this initiative, we envision the following outcomes:

- Increased awareness about the institute's reservation policy and engineering education among rural students.
- Improved understanding of career prospects and opportunities in the field of engineering.
- Enhanced diversity and inclusivity in the institute's student body.
- Empowered rural students who can contribute to the nation's growth and development.

Community Outreach:

<https://causmic.gndec.ac.in/apex>