



## **YEARLY STATUS REPORT - 2020-2021**

### **Part A**

#### **Data of the Institution**

##### **1.Name of the Institution**

Guru Nanak Institute of  
Pharmaceutical Science and  
Technology

- Name of the Head of the institution **Dr. Abhijit Sengupta**
- Designation **Director**
- Does the institution function from its own campus? **Yes**
- Phone No. of the Principal **03325231247**
- Alternate phone No. **9433035582**
- Mobile No. (Principal) **9330906158**
- Registered e-mail ID (Principal) **principal\_gnipst@jisgroup.org**
- Address **157/F Nilgunj Road, Kolkata, PIN 700114**
- City/Town **Kolkata**
- State/UT **West Bengal**
- Pin Code **700114**

##### **2.Institutional status**

- Autonomous Status (Provide the date of conferment of Autonomy) **17/02/2021**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**

- Name of the IQAC Co-ordinator/Director **Dr. Asis Bala**
- Phone No. **03325231247**
- Mobile No: **9874444631**
- IQAC e-mail ID **info.gnipst@jisgroup.org**

**3.Website address (Web link of the AQAR (Previous Academic Year))** <https://www.gnipst-pc.ac.in/pdf/AQAR%202019-20.pdf>

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

- if yes, whether it is uploaded in the Institutional website Web link: <https://www.gnipst-pc.ac.in/academic-calendar.php>

### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 2</b>	<b>B</b>	<b>2.7</b>	<b>2021</b>	<b>17/03/2021</b>	<b>31/12/2025</b>

**6.Date of Establishment of IQAC** **31/07/2014**

**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
<b>Dr. Swati Chakraborty</b>	<b>R D Project</b>	<b>West Bengal Biodiversity Board</b>	<b>11/11/2019</b>	<b>500000</b>

**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**      **3**

- 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)**

1. Application for Conferment of Autonomous status by University Grants Commission. 2. Setting up of Acharya Prafulla Chandra Advanced Research Lab at the institute. 3. Procurement of high end instruments like High Performance Thin Layer Chromatography (HPTLC), Atomic Absorption Spectroscopy (AAS), Biochemical Analyzer etc. 4. Improvement of Cell Culture Lab 5. Renewal of CPCSEA Approval

**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
1. Application for Conferment of Autonomous status by University Grants Commission.	UGC conferred autonomous status to the institute on 17th February, 2021 from A.Y 2020-21
2. Setting up of Advanced Research Lab at the institute.	Institute set up Acharya Prafulla Chandra Advanced Research Lab for PG and PhD students.
3. Procurement of high end instruments .	High end instruments like High Performance Thin Layer Chromatography (HPTLC), Atomic Absorption Spectroscopy (AAS), Biochemical Analyzer etc. were procured
4. Improvement of Cell Culture Lab	The existing infrastructure at Cell Culture lab has been revamped.
5. Renewal of CPCSEA Approval	The CPCSEA approval to the institute has been renewed

**13. Was the AQAR placed before the statutory body?** Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Academic Council	23/03/2022

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

- Year

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	<b>Guru Nanak Institute of Pharmaceutical Science and Technology</b>
• Name of the Head of the institution	<b>Dr. Abhijit Sengupta</b>
• Designation	<b>Director</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone No. of the Principal	<b>03325231247</b>
• Alternate phone No.	<b>9433035582</b>
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• Type of Institution	<b>Co-education</b>
• Location	<b>Urban</b>
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• if yes, whether it is uploaded in the Institutional website Web link:		<a href="https://www.gnipst-pc.ac.in/academic-calendar.php">https://www.gnipst-pc.ac.in/academic-calendar.php</a>			
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<b>12/06/2021</b>	<b>15/03/2022</b>				
<b>15. Multidisciplinary / interdisciplinary</b>					
<p>Guru Nanak Institute of Pharmaceutical Science and Technology offers a multidisciplinary curriculum that aims to enable the students with an overall knowledge of pharmaceutical and allied health sciences as prescribed by the Pharmacy Council of India in the syllabus put forward by it.</p> <p>Subjects like Humanities, Biology, and Mathematics are an integral part of the courses in the Institute. Credit-based courses like Communication Skills, Remedial biology/ remedial mathematics are offered in the first semester apart from the core subjects. Environmental Sciences and Computer applications in pharmacy is offered in the second semester along with core subjects.</p> <p>The students learn about Pharmaceutical Microbiology and Pharmaceutical Engineering (based on Chemical Engineering unit operations as relevant in Pharmaceutical industries) in 3rd Semester and Pharmaceutical biotechnology in 6th Semester.</p> <p>Biostatistics and research methodology is offered 8th Semester and Marketing management is offered as an elective subject in the same Semester.</p> <p>The Institute encourages social, societal, and environmental</p>					



awareness building of the students via various initiatives through different activities coordinated and organized by the clubs under the Student Life Centre of the Institute. The students take part in the distribution of necessary accessories to orphanages and old age homes, blood donation camps, educating women on health and hygiene etc. The completion of these is credited as a part of their Mandatory Additional Requirement (MAR) points.

The institute has a dedicated Advanced Research Lab where M. Pharm. as well as Ph.D. students, under the supervision of faculty members, try finding solutions to the pressing research problems and challenges of society. A few of the outcome of this research work has also been filed for patent.

Interdisciplinary international or national conferences and/or seminars are organized every year to promote multidisciplinary and interdisciplinary research involving different disciplines in the field of Pharmaceutical, healthcare, and allied medical fields.

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

GNIPST completely adheres to the curriculum framework and syllabi as approved by the Pharmacy Council of India (PCI) from time to time. The College is completely prepared to implement Academic Bank of Credits (ABC) framework as approved by the University. GNIPST already has student management system (ERP) in place where all student details including their internal assessment, attendance, continuous internal evaluation and examination related details are entered and the same is then synced with the University student portal so that there is a seamless flow and access of all student related data between the college and the University.

The faculty of the college have completely migrated to the blended mode of teaching-learning pedagogy where the faculty provide tailormade solution to their students and have completely implemented the learner-centric approach. Faculty not only provide relevant online and offline resources to the students but also develop and deliver content whenever there are gaps in the understanding of students in addition to regular classroom teaching-learning. The faculty of the college are constantly engaged in the creation of online content including text material, instructional videos, demonstrational videos, of

latest experiments, workshops and remedial and tutorial sessions to help the students achieve their optional best

### 17.Skill development:

The skill development efforts put forward by the institute resonate with that of National Skill Development Corporation.

- Guru Nanak Institute of Pharmaceutical Science and Technology is an autonomous institute. The students are encouraged to enrol in different value-added courses offered by MOOCS platforms like Coursera, NPTEL, etc. These are reflected in their final mark sheet and are considered for their honors. The students need to accumulate 8 credit points for their honors.
- The institute has an MOU with Coursera. This MOU entitles the students to access one free course in a semester. They can enroll for more courses as per their choice where the course fees will be reduced.
- The students enroll for various online courses as part of their Mandatory Additional Requirement (MAR) criteria. These courses are chosen by the students and are based on the skills the students want to develop.
- The Institute organizes different model-making competitions and exhibitions for the students on a regular basis to encourage creativity and proactivity. These events are organized by the Innovative and Scientific Model Club of the Institute under the Student Life Centre (SLC). External experts guide the students during the interactive sessions and the evaluation process. The students take part in inter-institutional competitions as well.
- The soft skill development program is an integral part of every student's curriculum. Communication Skills is a credit-based course in the B. Pharm. curriculum. The institutional language lab helps develop the student's oratorical and linguistic skills.
- Pharmaceutical jurisprudence and ethics is a credit-based course in the B.Pharm. curriculum. This course inculcates ethical values in students and imparts knowledge of laws related and important to Pharmacy practice and the pharmaceutical industry.
- The students are made socially aware and responsible via

various social programs organized by the Social Welfare Club of the institute under the Student Life Centre. Some programs are organized in collaboration with the institutional Student Chapter of IPGA Student Forum (Indian Pharmacy Graduates Association Student Forum) These initiatives imbibe the holistic human values for the overall character development of an individual.

- The Navachentana Yoga Club of the Institute organizes workshops, webinars, and yoga sessions regularly for the holistic development of the students. Mandatory Yoga class is organized for 1st-year students during their induction program to assimilate the values to lead a peaceful life.

These initiatives broaden the knowledge base of the students developing their skills.

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

The Indian knowledge system is an ancient and diverse treasure trove of wisdom that encompasses various fields, including science, philosophy, arts, and spirituality. Over the centuries, this knowledge system has evolved and contributed significantly to the world's understanding of various disciplines. In recent times, there has been a growing interest in reviving and integrating this traditional knowledge system into modern education, GNIPST has embraced and integrated the Indian knowledge system into its educational framework, fostering holistic and culturally rooted learning.

GNIPST's implementation of the Indian knowledge system involves various strategies that enrich the learning experience of its students:

a. Curriculum Design: GNIPST has strategically integrated concepts from the Indian knowledge system into its co-curricular activities. For example, traditional Ayurvedic principles are combined with modern pharmacognosy and pharmacology, allowing students to explore the potential of herbal medicine and holistic healing approaches.

b. Guest Lectures and Workshops: The institute frequently invites

scholars and practitioners of traditional Indian knowledge systems to deliver guest lectures and conduct workshops. This provides students with first-hand exposure to the diverse facets of Indian wisdom.

c. Research Initiatives: GNIPST encourages research projects that explore the intersection of modern science and traditional Indian knowledge. Through these initiatives, students and faculty investigate the potential synergies between the two systems and their applications in the real world.

d. The students are made socially aware and responsible via various social programs organized by the Social Welfare Club of the institute under the Student Life Centre. These initiatives imbibe the holistic human values for the overall character development of an individual.

e. The Navachentana Yoga and meditation Club of the Institute organizes workshops, webinars, and yoga sessions regularly for the holistic development of the students. Mandatory Yoga class is organized for 1st-year students during their induction program to assimilate the values to lead a peaceful life

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

Guru Nanak Institute of Pharmaceutical Science and Technology implemented Flipped Teaching from 2017.

All the courses of the syllabus have their course outcomes defined and mapped with Bloom's Taxonomy level in the syllabus itself. The course outcomes are mapped with the 11 program outcomes. The syllabus is available on the institutional website for easy access to all of the stakeholders.

The Examination system is divided into two parts. i. Continuous assessments and ii. End Semester Examinations.

i. The continuous assessments in regular theory papers carry 30% weightage. Continuous assessment (CA) is conducted 4 times in a Semester.

- The students are evaluated in their everyday classes with the help of multiple choice questions shared via google forms, small written assignments and group-wise small

projects or assignments.

- Internal Assessments are done four times in a semester. They include pen and paper examinations or online examination and presentation.
- The questions prepared for day to day evaluation as well as internal assessment are CO mapped. Therefore the attainment calculation can be easily done.
- The 4 continuous assessment takes into account both day to day evaluation of the students as well as the Internal assessment.
- One of the modules of any one subject of each semester is mapped with a Coursera course. The students have to take this course mandatorily. The credits obtained from this course are taken into consideration during continuous assessment calculations.

ii.. End Semester Examinations have 70% weightage. The semester questions are CO Mapped. This also helps in attainment calculation.

iii. The Continuous assessment of practicals carry 40% weightage. There are two practical continuous assessments (pCA) that are conducted in a semester.

- The practicals are mapped with course outcomes. The practical manuals contain pretest questions and critical thinking questions that help to estimate the grasp and understanding of the student of the subject matter.
- Day to day viva are conducted on experiments performed.
- Each student is evaluated out of forty marks in each practical class wherein all the aforesaid parameters i.e attendance, viva, performance in the lab, and understanding and grasp on the topic taught estimated by pretest questions and critical thinking questions.
- The pCA1 and pCA2 marks are calculated from these day to day assessments itself.

iv. End Semester Examinations have 60% weightage. The semester questions are CO Mapped. This also helps in attainment calculation.

v. The "Academic Resources" portal available in the institutional website contains module wise CO-mapped small interactive lecture videos, links to lecture notes and assignments prepared by the faculty members of the institute. The interactive video lectures aids in implementation of flipped teaching as well as outcome based education.

## 20.Distance education/online education:

Guru Nanak Institute of Pharmaceutical Science and Technology implemented Flipped Teaching from 2017.

- The faculty members were very much conversant in digital pedagogy. The transformation from offline teaching to online teaching as warranted by the COVID restrictions was, therefore, a smooth one. The lockdown was implemented from 16.03.2020 and the institute started online teaching from 17.03.2020 itself.
- The "Academic Resources" portal available in the institutional website contains module wise CO-mapped small interactive lecture videos, links to lecture notes and assignments prepared by the faculty members of the institute. The interactive video lectures were instrumental in imparting education at the COVID times and aids in implementation of flipped teaching as well as outcome based education.
- The students are assessed on a day to day basis with help of Google classrooms and google forms in both theoretical and practical classes.
- Students take various MOOCS courses as offered by NPTEL SWAYAM, Coursera etc. for the following.
- One module of one course of each semester of their study is mapped with a Coursera course. The credit obtained for this course is considered in their continuous assessments.
- They enroll in various MOOCS courses as per their choice as a part of their Mandatory Additional Requirements (MAR).

- In order to get honors with their degree, the students need to attend MOOCS courses for 8 credit points during the course of their study.
- The Institute has an MOU with Coursera that enables each student a free course each Semester and if they are willing to attend more courses, the subsequent courses are offered at a reduced fee structure.

These initiatives ensure that the institute has ready infrastructure for distance education/online education.

## Extended Profile

### 1.Programme

1.1

6

Number of programmes offered during the year:

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

### 2.Student

2.1

539

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2

149

Number of outgoing / final year students during the year:

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

2.3

539

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

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
<b>3.Academic</b>	
3.1  Number of courses in all programmes during the year:	<b>152</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.2  Number of full-time teachers during the year:	<b>44</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
3.3  Number of sanctioned posts for the year:	<b>44</b>
<b>4.Institution</b>	
4.1  Number of seats earmarked for reserved categories as per GOI/State Government during the year:	<b>24</b>
4.2  Total number of Classrooms and Seminar halls	<b>19</b>
4.3  Total number of computers on campus for academic purposes	<b>90</b>
4.4  Total expenditure, excluding salary, during the year (INR in Lakhs):	<b>407.93</b>
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	



## 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.

Guru Nanak Institute of Pharmaceutical Science and Technology is an Autonomous Pharmacy Institute imparting education in Pharmaceutical Technology and is affiliated to Pharmacy Council of India, AICTE and Maulana Abul Kalam Azad University of Technology (previously known as West Bengal University of Technology) since 2005. It is accredited by NAAC and its Undergraduate Pharmacy program is accredited by NBA since July 2016. The institute was accorded Autonomous status in February, 2021 starting from admission batch of 2020-21.

The Institute follows the prescribed syllabus of Pharmacy Council of India as approved by MAKAUT. To ensure that the Curricula is developed and implemented to have relevance to the local, national, regional and global developmental needs which are reflected in the Programme Outcomes (POs), Programme Educational Objectives (PEOs) and Course Outcomes (COs) of the various Programmes offered by the Institution, the following measures are taken.

The local, regional, national and global developmental needs pertaining to pharmaceutical sciences are revisited time and again in Departmental Academic Committee (DAC) meetings. Post identification of the goals DAC sub-committee does a GAP analysis to measure the attainment levels of the COs and POs based on the current developmental needs.

The findings are placed in subsequent Board of Studies (BOS) and Academic Council (AC) meetings.

Academic Council of GNIPST assesses the requirements in regular intervals for upgradation of curriculum to meet the vision of the Institute through Outcome-based Teaching Learning Methodology.

File Description	Documents
Upload additional information, if any	<a href="#">View File</a>
Link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria1/1.1.1b%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria1/1.1.1b%20ADDITIONAL%20INFORMATION.pdf</a>

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

6

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

3

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

2

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

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

0

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)	No File Uploaded

### 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

Guru Nanak Institute of Pharmaceutical Science and Technology integrates pressing and cross-cutting issues of the society like moral and human values, professional ethics, knowledge of Gender Equality, awareness of environment as an integral part of the curriculum.

A 15 days Induction programme was conducted for B. Pharm 1st year. Part of the Induction programme focused on the development of ethics and moral values under Universal Human Values (UHV) as prescribed by AICTE,.

The Institute organises different Club activities under the Student Life Centre (SLC) including a plantation programme during induction. Other than that "Out of waste craft competition", distribution of saplings, orphanage and old age home visit etc. are organised throughout the year for different ongoing batches.

The courses in the curriculum namely Remedial Biology and Environmental Science are very closely related to the knowledge of ecosystem; its balance & sustainability.

The institute has implemented Mandatory Additional Requirements (MAR) in order to encourage the feeling of responsibility towards their surroundings, environment, society and also to nurture their innate artistic abilities.

The Institute organises awareness programmes for gender sensitization through "Internal Complaints Committee and Gender Sensitization Cell " .

The Institute celebrates days of National and International importance as Republic Day, Women's Day, Independence Day, Teacher's day, Human Rights Day, International Yoga Day etc. to inculcate and nurture moral, ethical and social values in the students.

Pharmaceutical Jurisprudence is an integral part of the Fourth-year curriculum that focuses on development of Professional ethics.

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

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

3

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

449

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

116

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria1/1.4.1c%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria1/1.4.1c%20ADDITIONAL%20INFORMATION.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - The feedback system of the Institution comprises the following**

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

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criterial/1.4.2b%20ANY%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criterial/1.4.2b%20ANY%20ADDITIONAL%20INFORMATION.pdf</a>
Any additional information	<a href="#">View File</a>

## 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

159

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

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

19

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

### 2.2 - Catering to Student Diversity

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

Guru Nanak Institute of Pharmaceutical Science and Technology takes special care of slow learners as well as advanced learners.

The score of the newly admitted students in the qualifying examination solely can not be taken into account to identify the different categories of students .

Students have to specialize in one discipline at the tertiary level. Their participation in the classroom activities, or their performance in the first continuous internal assessments (CA) can be used as criteria to identify and categorize students with a view to devising different strategies for curricular transaction and to providing scaffolding for meaningful learning experiences. Students are usually streamed into three categories on the basis of pedagogical convenience. They are

1. Advanced learners or high achievers
2. Average learners who are often but not always dependent on teachers, and
3. Slow learners who need extra help outside the classroom.

#### Strategies for Slow Learners

1. Compensatory and remedial teaching
2. Developing self-learning materials (SLM)
3. Frequently varying instructional techniques in the classroom
5. Providing peer tutoring
6. Encouraging them to articulate orally in the class & providing more chances for classroom participation
7. Teaching learning skills such as note-taking, outlining, and active listening
8. Mentoring by faculty mentors
9. Encouraging them to spend more time on reading in libraries outside the class hours
10. Additional learning opportunities through online sources like Youtube etc.

#### Special programmes for advanced learners:

1. Knowledge dissemination
2. Online courses

### 3. Conferences, Seminars, Webinars, Online quizzes

### 4. Professional examinations like GPAT

### 5. Scholarships

### 6. Summer Internships

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.2.1%20b%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.2.1%20b%20ADDITIONAL%20INFORMATION.pdf</a>

#### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
30/06/2021	539	44

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

### 2.3 - Teaching- Learning Process

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

All the courses of the syllabi of Guru Nanak Institute of Pharmaceutical Science and Technology are mapped with course outcomes and program outcomes. The syllabus is available in the institutional website for the easy access of all the stakeholders. These provide a comprehensive understanding to the students, right at the beginning of the semester. It also helps them in self-evaluation of their performance at the conclusion of the course. Feedback of the students about the course and faculty members at the end of each semester provides an opportunity to identify any lacunae which can then be addressed and rectified. In order to involve the students in the decision-making process and maintain transparency and to inculcate a sense of responsibility, students serve as members of the Internal Quality Assurance Cell, Internal Complaints Committee, Anti ragging Committee and all of the clubs



under Student Life Center etc. Institute follows pedagogical initiatives in a pyramidal model:

1. Experiential Learning

1.1. Project work

1.2. Participation in competition at various scientific programs

1.3. Field Visits

1.4. Industrial Visits

1.5. Guest Lecture

1.6. Organization of national and international conferences

2. Participated Learning

2.1. Role play

2.2. Team work

2.3. Debates and quiz

2.4. Practical in group

3. Problem solving Methodology

3.1 Case studies

3.2. Analysis and Reasoning

3.3 Discussion

3.4 Quizzes

3.5 Research Activities

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.3.1.b%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.3.1.b%20ADDITIONAL%20INFORMATION.pdf</a>

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

Guru Nanak Institute of Pharmaceutical Science and Technology uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. GNIPST introduced flipped teaching since 2017. the overnight adaption from offline teaching to online teaching was smooth and effective from the very next day of the lockdown. All the lecture recordings and contents were uploaded in institutional academic portal as well as in the subject specific Google Classrooms. E-Content was developed using different video making, editing software and screencasting software . This has made the teaching-learning process more effective and available at any point of the time for the students.

The following tools are used by the Institute:

1. Smart Board
2. Desktop and Laptops
3. Printers
4. Scanners
5. Photocopier machines
6. Projectors
7. Seminar Rooms
8. Auditorium
9. Online Classes
10. MOOC Platform

## 11. Digital Library resources (DEL NET, MYLOFT etc.)

### Use of ICT by Faculty

1. PowerPoint presentations

2. Industry Connect

3. Online quiz

4. Video Conferencing

5. Video lecture- Recording of video lectures is made available to students for long term learning

repository

6. Online competitions

7. Workshops

8. Proctored Online examination

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.3.2%20c%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.3.2%20c%20ADDITIONAL%20INFORMATION.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

44

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

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

##### Preparation and Adherence of Academic Calendar:

The institution prepares the academic calendar every year in advance. The coverage of academic calendar covers the list of teaching days, examination dates, seminars, conferences, guest lectures, workshops and industrial visits holidays, vacation dates, festivals, students activities, list of statutory and non-statutory committee meetings, parent teacher meetings etc.

Academic calendar provides the total effective working days available in a given semester. Thus the academic calendar monitors the effective delivery of the program with academic and business inputs.

##### Preparation and Adherence of Teaching Plan:

The concerned faculty members prepare teaching plan for their respective subjects. Teaching hours are categorized in class room teaching, case studies, role play, workshops and lab session as per the subject requirements. These plans are made in advance and serve as guide for conducting sessions. The HODs check the progress of each course and ensures timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

44

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

18

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

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

353

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

40

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

### 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

Our institution has been continuously carrying out reforms in its examination procedure through integration of IT in all the procedures and processes of the examination system. The reforms have also been implemented in the continuous internal assessments modes and components. Examination procedure has been completely automated using in house IT software

Positive impact of reforms on the examination procedures and processes including IT integration and continuous internal assessment on the examination management system, Examination Procedures and IT Integration were significant.

Digital evaluation system has been successfully implemented for UG and PG examinations.

Inclusion of seminar project, assignment, and seminar presentation etc. as components of evaluation were done digitally.

The use of information technology (IT) helped in exam reform system via:

1. Online evaluation marks transfer for result processing.
2. Online thesis evaluation of M. Pharm 2nd year and B. Pharm final year
3. Online declaration of results.
4. Photocopy of answer booklets delivered through email to the students.
5. Online filling of student details, examination forms and hall tickets generation.
6. Online revaluation application form filling.
7. Digital evaluation, internal marks filling.
8. Internal assessment is done through conducting three tests in a semester. Average - best of two IA is considered for finalizing the marks.
9. In between, seminars, group discussions, quizzes etc activities are also conducted.
10. The IA marks of the student are uploaded in database with help of software

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.5.3%20b%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.5.3%20b%20ADDITIONAL%20INFORMATION.pdf</a>

## 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

GNIPST has stated learning outcomes of the Programs and Courses offering in the College and communicated the learning outcomes to the teachers and students. Hard Copy of syllabi and Learning Outcomes are available in the college/departments for ready

reference to the teachers and students.

Learning Outcomes of the Programs and Courses are highlighted and made aware to the students in the induction ceremony-cum-orientation programme at the beginning of the session.

The importance of the learning outcomes has been discussed and communicated to the teachers in staff meeting and IQAC meeting.

Program outcomes (PO) are approved by the BOS and Academic Committee of the Institute and are available in the Institute website (<https://www.gnipst-pc.ac.in/po-peo.php>). POs displayed in prominent locations of the campus for staff, students and public view. POs are displayed in Department office, Laboratories and Department library.

Course Outcomes (COs) are framed at Department Academic Committee meeting. The course outcomes and their mapping with program outcomes and program specific outcomes are elaborately discussed and derived by the course committee members. Even though the COs are given by the institute along with the syllabus, if necessary, the COs are modified and reframed by the course committee members (CC).

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.6.1%20c%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.6.1%20c%20ADDITIONAL%20INFORMATION.pdf</a>

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

The assessment tools and processes used for measuring the attainment of each of the Program Outcomes (PO) are mentioned below:

Method of assessment of POs is assessed with the help of course outcomes of the relevant courses through direct and indirect methods.



Direct methods are provided through examinations or observations of student knowledge or skills against measurable course outcomes.

The knowledge and skills described by the course outcomes are mapped to specific problems on semester examination, internal exams and home assignment. Finally, program outcomes are assessed and PO attainment levels are mapped.

Assignments are given at the end of each module. The assignments are provided to students and they refer the text books and good reference books to find out the answers and understand the expected outcome of the given problem.

Three internal tests are conducted per semester for the following purposes:

- To ensure that students have achieved desired level of competencies at module level.
- To evaluate, whether corresponding COs are achieved or not.

According to the performance of the student in answering each question, mapping is carried out with the respective COs for assessing the attainment level of the specific CO of the subject.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.6.2%20b%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.6.2%20b%20ADDITIONAL%20INFORMATION.pdf</a>

### 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

149

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://www.gnipst-pc.ac.in/pdf/GNIPST-ANNUAL-REPORT-2020-21.pdf">https://www.gnipst-pc.ac.in/pdf/GNIPST-ANNUAL-REPORT-2020-21.pdf</a>

## 2.7 - Student Satisfaction Survey

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

[https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.7\\_STUDENTS%20SATISFACTION%20SURVEY.pdf](https://www.gnipst-pc.ac.in/naac/naac-details/criteria2/2.7_STUDENTS%20SATISFACTION%20SURVEY.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

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

GNIPST is committed to excellence in research and innovations at national and international levels. One of the major pre-requisite for quality research in any institution/ University is the research policy. The research policy intends to establish a conducive environment for faculty members and scholars to conduct their research work.

The institute provides required infrastructural facilities to promote research activities. Faculty members are encouraged to apply for research funding from various funding agencies.

Institute also provides seed money or partial funding based on the merit of proposals submitted by the faculty members and students.

The faculty and students are encouraged to present their ideas/project proposals before the research committee for getting the sanction of seed funding in accordance with institute guidelines.

The R&D Advisory Committee and Research Ethics Committee are responsible for the promotion of research which includes the

development, review, and monitoring of achievements under the research & development of the institute

The R&D Policies are approved by BOG and regularly updated by IQAC, BOS and Academic Councils as per the need.

Component of R&D Policies:

1. ACADEMIC RESEARCH POLICY
2. EXTENSION AND EXTRAMURAL RESEARCH AND ACTIVITIES
3. RESEARCH AT UG AND PG LEVEL
4. COLLABORATIVE RESEARCH PROJECT/ CONSULTANCY
5. INTELLECTUAL PROPERTY
6. PUBLICATION OF PAPERS IN JOURNALS
7. CODE OF ETHICS

The list of Scopus-indexed quality journals is prepared by each department and is approved by the R&D Advisory committee & Academic Council.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://www.gnipst-pc.ac.in/research-projects.php">https://www.gnipst-pc.ac.in/research-projects.php</a>
Any additional information	<a href="#">View File</a>

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

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

8

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

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

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
Any additional information	No File Uploaded

## 3.2 - Resource Mobilization for Research

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

67.7

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

### 3.2.2 - Number of teachers having research projects during the year

6

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/3.2.2.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/3.2.2.pdf</a>
List of research projects during the year	<a href="#">View File</a>

### 3.2.3 - Number of teachers recognised as research guides

2

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

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

1

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://jisiasr.org/">https://jisiasr.org/</a>
Any additional information	<a href="#">View File</a>

## 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.

**GNIPST practices the following Student's Support for Progression every year:**

- **Entrepreneurship development cell (EDC):** The

Entrepreneurship Development Cell also takes it upon itself to organize various seminars and workshops conducted by professionals to further groom the students. Also it arranges for Soft Skill Enhancement Programmes, Mock interviews, Group Discussions, Finishing School program etc.

- Incubation centre: The provisional approval for setting up of the Government Approved Drug Testing Laboratory was obtained by the incubation centre. Work is progress.
- Training and Placement cell: Conduction of industrial tour and industrial visits every year. Arranging industrial training programme for undergraduate students. Placement of students in reputed companies. The Training and Placement Cell of the College was started with the aim of providing opportunities for placement to the students studying in the college. In addition, the cell aims to sharpen the skills of the students in the various aspects related to their overall development in order to cater to the needs and the expectations of the modern competitive world. The T&P cell organizes various industry visits , industrial tours and arranges industrial training for the students along with placement activities.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/3.3.1.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/3.3.1.pdf</a>

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

3

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for

A. All of the above

**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**

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

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

#### **3.4.2.1 - Number of PhD students registered during the year**

2

File Description	Documents
URL to the research page on HEI website	<a href="https://www.gnipst-pc.ac.in/pdf/ANNEXURE-9A-2020-21.pdf">https://www.gnipst-pc.ac.in/pdf/ANNEXURE-9A-2020-21.pdf</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

8

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### **3.4.4 - Number of books and chapters in edited volumes / books published per teacher during**

the year

10

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/pdf/ANNEXURE-9A-2020-21.pdf">https://www.gnipst-pc.ac.in/pdf/ANNEXURE-9A-2020-21.pdf</a>

### 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

8

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 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

1

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5 - Consultancy

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

34.27



File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

34.27

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

GNIPST is committed to high standards of academic excellence and their holistic development of students. We here, constantly strive to enable individuals to traverse through learning, achieve success and go beyond their success to become life-long learners such that adversities transform into opportunities for excellence. We instil in student the spirit to battle against odds and to take risks by finding their own pathways howsoever the road through the counselling. The faculty in turn has periodical meeting with students in order to evaluate their academic performance and proper orientation towards the programme as well as guide them to rectify any short comings and to solve any problems.

**Students Life Centre (SLC):** GNIPST has developed Students Life Centre (which include 8 clubs) for all round development of the students. Which helps to engage students for different cultural activities; debate and extempore; sports activities, social service photography and painting etc to promote the all activities under the mandatory additional requirement as prescribed by University.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/social-service-club.php">https://www.gnipst-pc.ac.in/social-service-club.php</a>

### 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

3

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

### 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)

10

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

10

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

8

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 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)

3

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

### INFRASTRUCTURE AND LEARNING RESOURCES

#### 4.1 - Physical Facilities

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

The institute is equipped with flipped classroom, well equipped laboratories, computer lab, language lab, library, seminar room, training and placement cell, an exclusive office room and a separate common room for girls and boys.

All the laboratories are fully equipped with the required instruments and equipments, glassware, chemicals and SOPs and are maintained by laboratory assistants and technicians.

Institute has a well-equipped central instrument room with modern analytical instruments and a state-of-the-art advanced research laboratory to facilitate research work of the PG and PhD research scholars. A machine room with small scale industrial equipments is also available.

A dedicated auditorium is available for cultural activities for the students. The auditorium is designed with modern acoustic and light system. Along with auditorium institute provide open stage for different cultural events.

The Institute has policy for creation and enhancement of infrastructure depending on the requirements, due to any change in the curriculum, or enhancement of student intake or introduction of any additional courses. The budget for this requirement is prepared in consultation with HOD, Principal and Management and subsequently submitted to the Board of Governors (BOG) for approval. Once it is approved, the same is implemented with the help of professionals in the concerned area.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/pdf/Auditorium-gnipst.pdf">https://www.gnipst-pc.ac.in/pdf/Auditorium-gnipst.pdf</a>

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 Institute of Pharmaceutical Science and Technology gives utmost importance to the overall development of the students and organizes various sports, games, cultural activities and yoga on campus regularly. The Institute, with its compulsory Core Courses and the continuous evaluation scheme, integrates sports and extra-curricular activities as essential components. This is done not only for participation but also for assessment of students. It has adequate facilities for sports, games and cultural activities. GNIPST has two large playgrounds with provision for multiple games, such as, Athletics, Cricket, Football, Volleyball, Basketball. Indoor and outdoor badminton

courts, gymnasium and facilities for yoga are available. The institution has a well-equipped gymnasium with the following amenities provided: Gym ball, Gym matt, Gym bench, Weighing Machine, Nut key, Multi-gym

To support this, the institution has SLC facilities which are accessible beyond the working hours for students and staff. GNIPST has nine clubs under SLC which are jointly run by the faculties and students of the institution. The following clubs are:

1. Cultural Club
2. Sports Club
3. Social Service Club
4. Debate and extempore club
5. Literary and Painting club
6. Eco club
7. Photography club
8. Innovative and Scientific modeling club
9. Nabachetana Yoga and Meditation club

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria4/4.1.2.c%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria4/4.1.2.c%20ADDITIONAL%20INFORMATION.pdf</a>

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

20

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

183.74

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The library of Guru Nanak Institute of Pharmaceutical Science & Technology is an integral part of the Institute since its establishment in 2005 in order to cater the academic requirement of the students and faculty members. The library at GNIPST acts as an Integrated Knowledge Resource Centre enriched with a good number of books, periodicals, references, national and international journals covering all aspects of academic studies and research materials. It has more than 11 thousands printed books, journals, magazines, newspapers, CD-ROMs and e-books from different publishers. In the Library, the readers are offered an e-zone to help them search e-journals and other e-resources.

The students can easily access the well maintained and spacious reading room stocked with the latest reference books and textbooks on different subjects. The library is kept open during the recess period. The library time is maintained beyond the college hours to help the students to access the library facilities.

- "LIBMAN" version 2.1 (Library Book classification Categorizing; circulation Accession etc). Library is fully

automated with computers, Internet bandwidth speed 100 mbps, and a content management system for e-learning.

Digital learning portal developed by the institute to provide lecture videos, class notes and other e resources for Flipped teaching.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria4/4.2.1%20b%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria4/4.2.1%20b%20ADDITIONAL%20INFORMATION.pdf</a>

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

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

20.51

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

**4.2.4 - 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**

150

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

**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 institution has an IT policy covering all major areas like Wi-Fi, cyber security etc. which is updated or amended whenever required as per the need of the institute. Institution tries to have upgraded IT facilities as per the requirement by regulatory norms as well as industry. It is regularly upgrading its infrastructure covering Wi-Fi, cyber security, software upgradation, ERP system, ICT enabled teaching learning. Formal IT policy has been approved by the academic council and board of governers (BOG).

The acceptable use policies are applicable to Employees, Students, Vendors and Visitors. Institutes have framed various policies like Procurement, Installation of Hardware, Network and software. Website Hosting and Database Usage policy has its method and hierarchy which is followed systematically. Certain violations of IT policy by any member may even result in disciplinary action against the offender by institution authorities. The institution provides 3 to 5 % of the annual budget for up-gradation of IT facilities which are audited as per the balance sheet and changes in the system. The institute is continuously upgrading its technology with time. GNIPST has a capacity of 90 computers with i3 and i5 11th generation technology and maintains 1:1 students and computer ratio. The campus provides wired and wireless internet connections to students, faculty members and stakeholders.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria4/4.3.1.b%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria4/4.3.1.b%20ADDITIONAL%20INFORMATION.pdf</a>

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
<b>539</b>	<b>90</b>

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

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

**B. 35 Mbps - 50 Mbps**

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

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

**B. Any three of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria4/4.3.4%20a%20ADDITIONAL%20INFORMATION.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria4/4.3.4%20a%20ADDITIONAL%20INFORMATION.pdf</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 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)

**200.37**

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

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.

An established systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, sports complex, computer, classroom etc in the institute. The maintenance of physical, academic and support facilities are carried out by the respective departments with the help of in-house staff on daily basis and periodically. 1. Laboratories: Each laboratory has one teacher as lab incharge, a Lab Assistant and attendant. Lab in-charge is responsible to maintain and upgrade the laboratory with necessary equipments from time to time to cope with change in the syllabus. 2. Library: Librarian with supporting staff has been appointed to maintain central library. They focus on the availability and utilization of instructional material in teaching and learning process. At end of the Academic year stock verification is done. 3. Sport complex/ground/equipments: Physical Director of the institute looks after the sports facilities and the activities. The sports equipments are issued to the students as per the schedule of the events. 4. Class Rooms: Class rooms are allocated to all departments along with necessary ICT tools. The class rooms are

utilized as per the time table of the department. The class rooms are cleaned on daily basis monitored by institute supervisor.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/4.4.2.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/4.4.2.pdf</a>

## 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

196

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

23

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

**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	<a href="https://www.gnipst-pc.ac.in/naac/other-details/Value-added_courses.pdf">https://www.gnipst-pc.ac.in/naac/other-details/Value-added_courses.pdf</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

**242**

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

**5.1.5 - The institution 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	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 5.2 - Student Progression

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

92

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.2.2 - Number of outgoing students progressing to higher education

56

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

### 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**

55

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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**

10

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

The institute every year nominates student council members democratically by students from 2nd Year UG to Final Year UG batch. The nomination is initiated and approved by the Departmental Academic Committee.

The institute ensures student representation in various committees and bodies like:

- **Placement Committee:** The placement committee is elected to serve with the placement team of the institute wherein committee members play an active role by coordinating with industry professionals, and candidates and by managing campus placement processes.
- **Magazine Committee:** The committee members are responsible for monthly news letters of the institute and annual cultural magazine of the institute. The Magazine secretary heads the committee.
- **Grievance Committee:** Elected members from the students in Grievance committee ensures transparency in decision making.
- **Anti -Ragging Committee:** Students representation in Anti -Ragging Committee ensures transparency in decision making.
- **Cultural Committee:** The student council member play an active role in organizing various cultural events.
- **Sports Committee:** The sports committee organizes various sports events during Vista, Corporate Football League is organized with Rotaract club members etc.
- **IQAC:** The internal Quality Assurance cells were also represented by Students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/5.3.2.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/5.3.2.pdf</a>

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

14

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 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

Guru Nanak Institute of Pharmaceutical Science & Technology has a registered Alumni Association having registration no 36849 of the year 2015-2016. The students after completing the course can become a member of "ALUMNI ASSOCIATION OF GURUNANAK INSTITUTE OF PHARMACEUTICAL SCIENCE & TECHNOLOGY". There are both scope of yearly membership and life membership. The governing body of the association take different initiatives to interact with the students.

1. They are invited in the "Induction Program" for making the fresh students familiarized with the environment of the Pharmacy field.
2. They interact with the students for grooming them and also to make them industry ready.
3. They assist in placement also through their recommendations.
4. They are invited in "Finishing School Program" to make the students aware of different scopes and also about higher studies.

There is obviously a positive impact of this as it builds a good

connection between the students and the alumni and thus the students can be benefited as they get a clear view about the industry.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/5.4.1.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/5.4.1.pdf</a>

**5.4.2 - Alumni's financial contribution during the year**

**D. 2 Lakhs - 5 Lakhs**

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

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

**Reflection of Mission and Vision in the leadership of the institute in ensuring:**

1. **The policy statements and action plans:** The management, Director, and Principal take necessary actions for ensuring that the policy statements and action plans are aligned for attaining the mission of institute, disseminate the vision and mission to all stakeholders and involve them in forming the policy statements. The Principal makes action plans in consultation with faculty members to review of outcomes from the implementation of action plans through meetings with functional committees and makes necessary changes in action plans if required. The management takes review of quality policies and makes amendments in quality policies if required.
2. **Formulation of action plans:** The action plans are formulated in line with the quality policy under the leadership of the Director, and Principal and the same are incorporated into strategic plans for effective implementation.
3. **Interaction with stakeholders:** The Principal ensures that all stakeholders are involved in their respective



activities.

4. Proper support for policy and planning: The requirements of the society for policy-making and planning are collected by through interaction with various stakeholders.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gnipst-pc.ac.in/organogram.php">https://www.gnipst-pc.ac.in/organogram.php</a>

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

Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work toward a decentralized governance system.

#### 1. Director and Principal Level

The Governing Body delegates all the academic and operational decisions based on policy to the Academic Monitoring Committee headed by the Principal in order to full fill the vision and mission of the institute. Academic Monitoring Committee formulates common working procedures and entrusts the implementation to the faculty members.

#### 2. Faculty Level

Faculty members are are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tie up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs. For effective implementation and improvement of the institute following committees are formed. Other units of the institute like sports, library, store etc. have operational autonomy under the guidance of the various committees/cells.

Strategic plan and deployment documents available in minutes of the meeting available in website:

<https://www.gnipst-pc.ac.in/bog-minutes.php>

<https://www.gnipst-pc.ac.in/academic-council.php>

<https://www.gnipst-pc.ac.in/bos-minutes.php>

<https://www.gnipst-pc.ac.in/finance-committee.php>

<https://www.gnipst-pc.ac.in/iqac-minutes.php>

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gnipst-pc.ac.in/organogram.php">https://www.gnipst-pc.ac.in/organogram.php</a>

## 6.2 - Strategy Development and Deployment

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

**The institutional Strategic/ Perspective plan has been clearly articulated and implemented:**

**Education** 1. Continue to integrate students and alumni feedback on a continuing basis with the developments in curriculum. 2. Provide mentoring support to all faculty members especially those at the junior level. 3. Provide support in the form of human resources, technology and exposure to different sources for development of student centric learning courseware. 4. Provide for development of faculty in curriculum design and delivery. 5. Provide mentoring and counseling services to students to ensure that there is no learner failure. 6. Co-design programs and modules with industry partnership that will enhance technical skills of students.

**Develop Reward Process** 1. Contributors are rewarded based on the research throughput. 2. Consider select faculty researchers for

suitable rewards such as remission in workload for the next academic semester. 3. Consider other contributors for suitable rewards. 4. Acknowledge researchers in the media.

Further, focus on: 1. Start the doctoral programs. 2. Seek industry funding for research. 3. Create financial and non-financial support infrastructure to facilitate non-doctoral faculty to pursue the same. 4. Provide innovative, state-of-the-art facilities and laboratories that can function as or serve the multidisciplinary research needs of the faculty community.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/6.2.1.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/6.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The Institute has a strategic plan for development where the goals and action plans are stated and are aligned with the Institute's Vision and Mission. The plans are developed by the Steering Committee in consultation with IQAC and approved by the Governing Body. The governance structure of the institution ensures that the leading educationists participate in sustaining the institutional ideas, tradition and maintaining viability. The action plan of the institute in alignment with its vision and mission is ensured via a definite organizational framework, prospective planning, dynamic leadership and decentralized administration. The director & principal as head of the institution carries out academic administration and management through well-established statutory/non-statutory bodies. In accordance with the rules of the institution, the following organizational structure and decision-making processes are in place for enhancing the overall effectiveness.

1. Governing Body

2. Academic Council

3. Finance Committee

#### 4. Board of Studies

#### 5. Research Advisory Board

#### 6. IQAC

Institute organogram available-<https://www.gnipst-pc.ac.in/organogram.php>

IQAC was constituted for monitoring the quality parameters of the institution. Every year, the institute submits an AQAR to NAAC on the up gradation and advancements of the institution. The committee was formulated on the basis of the recommendations given by the National Assessment & Accreditation Council.

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://www.gnipst-pc.ac.in/organogram.php">https://www.gnipst-pc.ac.in/organogram.php</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gnipst-pc.ac.in/statutory-committee.php">https://www.gnipst-pc.ac.in/statutory-committee.php</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 6.3 - Faculty Empowerment Strategies

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

The institution has effective welfare measures for teaching and

non-teaching staff and avenues for their career development/ progression. The institution effectively implements welfare schemes for the teaching and Non-teaching faculties. The College makes arrangements for availing all the government schemes such as Gratuity, Pension, Commutation of Pension, Earned Leave encashment, Maternity Leave, Medical Facility, Leave on Overseas Project or Conference, Health Fund Scheme, Permission to attend FDP such as Orientation programs and Refresher courses, short term courses, etc. for the career development and progression of the teaching as well as non-teaching staff.

Besides the above, the following benefits are given to the teaching and non-teaching staff. Financial Support o To the staff to attend workshops and conferences both at the national and international level o The self-financed staff of the institution also receive Provident Fund, permission to attend Faculty Development Programme, Maternity, and paternity leave with salary.

Recognition and Rewards o The teaching and non-teaching staff are honored with Silk and Silver jubilee Awards for their remarkable service. o Awards of excellence for teaching, research, and extension is given to deserving members of staff every year. o Seed Money provided for facilities to encourage them to undertake research projects

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/6.3.1.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/6.3.1.pdf</a>

### 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

3

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

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 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.)

20

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
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 has well established mechanism for conducting internal and external audits both for the Academic and financial transactions every year to ensure financial and Academic compliance.

Internal audit is conducted half yearly by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through principal. All vouchers or transactions were audited by the internal financial committee.

.External audit is conducted once in every year by an external expert. The accounts of the college are audited by chartered

accountant regularly as per the government rules. The auditor ensures that all payments are duly authorized after the audit, the report is sent to the management for review.

The mechanisms used to monitor effective and efficient use of financial resources are as below:

- Before the commencement of every financial year, principal submits a proposal on budget allocation, by considering the recommendations made by the heads of all the departments, to the management.
- Institute budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non - recurring expenses like lab equipment purchases, furniture and other development expenses.
- The expenses will be monitored by the accounts department as per the budget allocated by the management.
- The depreciation costs of various things purchased in the preceding years are also worked out.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/6.4.1.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/6.4.1.pdf</a>

#### 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)

11

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

- The institute is a self-financed Autonomous private

institution, tuition fee is the main source of income. Along with tuition fee, research grants from various Government and Non-Government agencies, consultancy projects, other grants received and funding from alumni are add on resources for mobilization of funds.

- These funds are utilized for all recurring and non-recurring expenditure. The institution has a well-defined mechanism to monitor effective utilization of available financial resources for the development of the infrastructure to augment academic needs.
- All the major financial decisions are taken by the institute's financial committee (<https://www.gnipst-pc.ac.in/finance-committee.php>) and Governing Body (GB) (<https://www.gnipst-pc.ac.in/board-of-governors.php>). Institute adheres to utilization of budget approved for academic expenses and administrative expenses by management.
- After final approval of budget, the purchasing process is initiated by purchase committee which includes head of department and account officer, accordingly the quotations called and purchase orders are placed after final negotiations.
- All transactions have transparency through bills and vouchers. The bill payments are passed after verification of items. Respective faculty member ensures that whether suitable equipment/machinery with correct specification is purchased.
- The entire process of the procurement of the material is monitored by the IQAC, purchase committee and principal. Both internal and external financial audit is conducted by chartered accountant for every financial year to verify the compliance.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/6.4.3.pdf">https://www.gnipst-pc.ac.in/naac/naac-details/criteria3/6.4.3.pdf</a>

## 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 institute attempts to chisel out the total quality through a persistent focus on imparting quality education, through its innovative, comprehensive and flexible education policy. Its Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning. Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements as follows-

- 2021: Strengthen Advance Research Lab facilities: The Central R&D lab was developed in January 2021. Due to Govt. restrictions and student's unavailability, the full phases work has not initiated in AY 2020-21.
- 2021: Encouraging Students attending e-learning: Participation improved. Students are encouraging for attending "Coursera" and NPTEL courses.
- 2020-21: Maintaining Flip Learning Methodology: 4 Flip Classrooms are presently using by the institute. The institute planning to acquire more smart boards.
- 2020-2021: Maintain Quality Publication via the Research Policies. Research Policies are Framed as per IQAC recommendation for quality publication (<https://www.gnipst-pc.ac.in/naac/other-details/R&D-Policy.pdf>)
- 2020-21: Strengthening Academic Repository: The Academic Repository was developed by JIS group; Faculties are improving the quality of the videos for replacing the same. [[http://112.133.209.26:82/Forms/frmLogin.aspx?branch\\_id=9](http://112.133.209.26:82/Forms/frmLogin.aspx?branch_id=9)]
- 2021: Increase Inter Institute/ Lab Collaborations Improved; The institute also encouraging Lab to Lab collaboration for more Research Outcome.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/iqac-minutes.php">https://www.gnipst-pc.ac.in/iqac-minutes.php</a>

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

The IQAC of the institute formed as per rules and regulation of the NAAC. The composition is available in website.

<https://www.gnipst-pc.ac.in/iqac.php>

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The details minute are also available in <https://www.gnipst-pc.ac.in/iqac-minutes.php>

The Committee emphasis on -

- Blended mode of Teaching and learning:
- Project Based Learning:
- Implementation of Journal Club:
- Practice School:
- Industrial Visit and Internship:
- Bringing Lab to the Class:
- Brainstorming Session:
- Organizing Seminar and Conferences:
- Scope for Self-learning:
- Innovative assessment methods:
- Incidental Learning/Field based Learning:
- Conducting Various Awareness Programmes:

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.gnipst-pc.ac.in/iqac-minutes.php">https://www.gnipst-pc.ac.in/iqac-minutes.php</a>

**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	<a href="https://www.gnipst-pc.ac.in/pdf/GNIPST-ANNUAL-REPORT-2020-21.pdf">https://www.gnipst-pc.ac.in/pdf/GNIPST-ANNUAL-REPORT-2020-21.pdf</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

The institute has a strong ethical work culture that is based on inclusivity. The institute observes highest ethical standards in all its activities. Provide equal opportunities to all individuals irrespective of gender, race, caste, color, creed, language, religion, political or other opinion, national or social origin, property, birth or other status. Gender sensitivity is an inherent value in the cultural ethos of the institute, as is evident by the following facilities -

#### Counselling

- Faculty counsel the students during mentoring regarding academic performance, career plans and personal issues
- Head of the Department monitors the students and counsel the students regarding their psychological issues.
- On-line Grievance Redressal Committees for staff and students is available.
- Gender sensitization seminars are organised.
- Guest lectures are arranged by ICC to address health, stress or gender sensitization issues.

#### Safety and Security

- Well-trained and vigilant women Warden and Assistant Wardens appointed to the Girls Hostel in the campus.
- Security checkpoints are provided at all campus entries and

exits.

- Strict implementation of Anti-Ragging measures and keeping the campus ragging free.
- Awareness campaigns on women safety and gender sensitivity through street plays rallies and camps
- The college campus is under surveillance with CC cameras installed at prominent locations.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://www.gnipst-pc.ac.in/naac/other-details/Standard-Operating-Procedure-for-Gender-Sensitization-Committee.pdf">https://www.gnipst-pc.ac.in/naac/other-details/Standard-Operating-Procedure-for-Gender-Sensitization-Committee.pdf</a>

**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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**Institute has deep concern to protect environment, health and well-being through implementation of effective waste management practices such as-**

1. Recycling.
2. Segregation,
3. Composting.
4. Incineration.
5. Sanitary Landfill

**The Eco Club of Student's life centre (<https://www.gnipst-pc.ac.in/eco-club.php>) plan yearly activity for waste management practices and execute the same.**

The institute also has Animal House approved by CPCSEA (Govt of India) for in house In vivo experimentation for which the biological carcasses are disposed to third party for incineration.

Biodegradable kitchen waste from mess and cafeteria, waste such as dried leaves, twigs, and plant clippings is collected from all around the campus and used for vermicomposting. Vermicompost so produced is enriched with water-soluble nutrients and is used in organic farming/plantation in campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**B. Any 3 of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

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

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

**A. Any 4 or All of the above**

File Description	Documents
Geotagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

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

<b>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</b> <ol style="list-style-type: none"> <li>1. Green audit</li> <li>2. Energy audit</li> <li>3.Environment audit</li> <li>4.Clean and green campus recognitions/awards</li> <li>5.Beyond the campus environmental promotional activities</li> </ol>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

<b>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,</b>	<b>B. Any 3 of the above</b>
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reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy and setting communal harmony.

GNIPST is committed to high standards of academic excellence and their holistic development of students. The Institute here, constantly strive to enable individuals to traverse through learning, achieve success and go beyond their success to become life-long learners such that adversities transform into opportunities for excellence. We instil in student the spirit to battle against odds and to take risks by finding their own pathways howsoever the road through the counselling.

GNIPST has developed Students Life Centre (which include 8 clubs) for all round development of the students. Which helps to engage students for different cultural activities; debate and extempore; sports activities, social service photography and painting etc to promote the all-other EXTENSION ACTIVITIES under the mandatory additional requirement as prescribed by university.

Intrinsically Bengali cultural events are observed annually, like Poila Baishak, Rabindra Jayanti and Baisheshrabon, Sharodiya Utsav and Bijoya Dasami. National festivals like Holi, Eid, Dipabali are celebrated on campus. On 12th January, Swami Vivekananda's birth anniversary is organized, International Youth Day observed on 12th August and International Yoga Day on 21st June, to sensitize youth.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:	
<p>The institute believes in imparting holistic learning, inculcating moral and ethical values and has involved itself in manifold activities to promote community development.</p>	
<p>The institute vigilantly observes basic citizenship duties. Independence Day and Republic Day celebrations, on 15th August and 26th January, take place with flag hoisting and singing of the National Anthem.</p>	
<p>Research methodology subject as a part of curriculum with the objective to acquaint with the ethics in research in connection with their contribution society. The curricular teaching and evaluation sensitize the students on the preservation the ecosystem and environment.</p>	
<p>Students are also sensitized to adapt green practices, conservation of natural resources, alternative source of energy and renewable energy.</p>	
<p>The institute promotes the values of community service. On Diwali, clothes and sweets are gifted to the inmates of several nearby old age homes.</p>	
<p>Students have regularly taken part in cleaning campus facilities and, along with staff participated in "Swachh Bharat Abhiyan"</p>	
<p>Pharmacist Day is organized by IPGA Student Forum GNIPST College Chapter &amp; GNIPST and IPGA Bengal Branch.</p>	
<p>Indian Pharmacy Graduates' Association Students' Forum (IPGA-SF, Bengal Branch organised a national program on the occasion of 74th Independence Day 15th August, 2020 in collaboration with IPGA Bengal Branch.</p>	



File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**A. All of the above**

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

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

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

**15th AUGUST 2020, CELEBRATION OF INDEPENDENCE DAY and Republic Day**

**Independence Day and republic Day hold special significance in all our hearts.**

**Not only does August 15 or January 26th mark the day India serves as a reminder of all the virtues, pride, colorful history,**

cultural richness, diversity, and landscapes which we must all feel proud to call our homeland. To commemorate this day the institute organized a grand program with the faculty members and students. Students presented songs, dance, and recitations to pay tribute to our motherland. The program was live telecasted in Face book page of GNIPST.

Guru Nanak Jayanti, also known as Gurpurab, is the most important festival for the followers of the religion of Sikhism. It is celebrated to commemorate the birth anniversary of the first Sikh Guru, Guru Nanak Dev.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

The institute practices the following best practices regular basis :

- **Mentorship programme and Career guidance:** The mentorship programme of the institute guides and counsels the students in academic, non- academic matter including personal domain to achieve best in their life. Each student is assigned by his or her mentor after the admission. <https://www.gnipst-pc.ac.in/naac/other-details/Mentorship-Scheme.pdf>
- **Flip Teaching:** Institute implemented flip teaching first time in Pharmacy in the state to allows for more interactive forms of learning to take place during class. Flipped teaching often involves students watching lecture videos as homework.
- **Student's Life Centre:** GNIPST has developed Students Life Centre which include 8 clubs; Club activities engage the

students for different cultural activities; debate and extempore; sports activities, social service photography and painting etc to promote the all activities under the mandatory additional requirement as prescribed by University.

- **Finishing School Program:** The Entrepreneurship development Cell organises the Finishing School program for final year and pre-final year students every year. This includes the lecture and interaction session MOCK interview , by expert from Pharma-Industry, Hospital and Academics.
- **Entrepreneurship Development Program:** The Entrepreneurship development Cell also takes it upon itself to organize various seminars and workshops conducted by professionals to further groom the students.

File Description	Documents
Best practices in the Institutional website	<a href="https://www.gnipst-pc.ac.in/">https://www.gnipst-pc.ac.in/</a>
Any other relevant information	<a href="https://www.gnipst-pc.ac.in/">https://www.gnipst-pc.ac.in/</a>

### 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)

#### Institutional Distinctiveness (2016-2022)

- The Institute obtained statutory affiliation from West Bengal University of Technology (currently known as Maulana Abul Kalam Azad University of Technology), AICTE and Pharmacy Council of India (PCI). This is the first Autonomous pharmacy institute in Eastern India accredited by NAAC & NBA. The institute has consecutively ranked in National Institutional Ranking Framework (NIRF) for last six years. In NIRF 2022 GNIPST achieved all India Rank 84 amongst Pharmacy colleges.
- Awarded for excellence in Pharmaceutical Science and Technology at the National level from Zee News at Hyatt New Delhi on 29th July 2022. Awarded "Education Excellence Award 2022" as premier Pharmaceutical Science and Technology

College- West Bengal from ZEE 24 Ghanta.

- **Teaching-Learning and Evaluation:**GNIPT provide 360 degree development including Academic excellence, community services, cultural and extracurricular achievement, research inquisitiveness, problem based learning, blended learning, FLIP teaching, pedagogical innovativeness.
- **Research and Development:** The institution has well-equipped state-of-art research laboratories which support the research in all disciplines of pharmacy viz. Pharmaceuticals, Pharmacology, Pharmaceutical chemistry, pharmacognosy and microbiology.
- **Infrastructure and Learning Resources:**The entire physical infrastructure of the institute is created as per the norms of AICTEand MAKAUT to ensure a state of art teaching and learning system.

File Description	Documents
Appropriate link in the institutional website	<a href="https://www.gnipst-pc.ac.in/research-projects.php">https://www.gnipst-pc.ac.in/research-projects.php</a>
Any other relevant information	<a href="#">View File</a>

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

#### FRAMEWORK & BENCH MARKING:

- Policy for creating and enhancing of infrastructure.
- NAAC rating upgradation.
- NIRF Ranking upgradation.
- NBA for Post Graduate Course.

#### RESEARCH AND INNOVATION:

- Inter-disciplinary research.
- IRINS Portal : Inclusion of GNIPST in IRINS Portal through Vidwan database.
- Increase of Seed money for research.
- Enabling project proposal submissions.
- Improving PhD. Enrolment.
- Research linkages, enhancing MOUs with State & National institutions and industries.

#### INNOVATION:

- Enhancing innovative research.
- More no.of Patents publication including potential students –
- Enhancing Industry Institute interaction.
- Funding for Incubation centres- to be explored.

#### TECHNOLOGY SUPPORT FACILITIES:

- Improving research infrastructure through Central Research facility.
- Sophisticated instruments procurement.

#### TEACHING AND LEARNING:

1. Pedagogical improvements.
2. Innovative teaching practices- connecting to research.
3. Utilization of online resources much more.
4. Blended learning using e- resources.
5. Project work and external institutions involvement- student
6. project quality enhancement.

#### LIBRARY:

- E SODH SINDHU- process complete, yet to be implemented.
- NDL- process complete, yet to be implemented.
- Special collections- E book collection and repository development.

#### ENHANCING EMPLOYABILITY:

- Implementing Beyond Curriculum Training (BCT) through Coursera.
- Incubation entrepreneurship development cell formation and room allocation.
- Soft skill as a credit course.
- Financial (minor) support of student research projects.