Yearly Status Report - 2018-2019

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 own campus	**Yes**
Phone no/Alternate Phone no.	**03325231247**
Mobile no.	**9433035582**
Registered Email	**principal_gnipst@jisgroup.org**
Alternate Email	**director@gnipst.ac.in**
Address	**157/F, Nilgunj Road, Sodpur, Kolkata**
City/Town	**Kolkata**
State/UT	**West Bengal**
Pincode	**700114**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**Self financed and grant-in-aid**
Name of the IQAC co-ordinator/Director	**Dr. Lopamudra Datta**
Phone no/Alternate Phone no.	**03325231247**
Mobile no.	**9830083549**
Registered Email	**lopamudra.datta@gnipst.ac.in**
Alternate Email	**principal_gnipst@jisgroup.org**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://gnipst-pc.ac.in/pdf/AQAR%202017-18%20F.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://gnipst-pc.ac.in/academic-calendar.php

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.7**	**2016**	**17-Mar-2016**	**16-Mar-2021**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**31-Jul-2014**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
One Day National Seminar	**02-May-2019**	**100**

on Biodiversity and Nature	1		
33rd Annual Convention of IPGA	17-Aug-2019 1	500	
One day Seminar on	06-Feb-2019 1	200	
Upgradation training program for registered pharmacists	08-Feb-2019 2	100	
	View File		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
GURU NANAK INSTITUTE OF PHARMACEUTICAL SCIENCE AND TECHNOLOGY/DR SWATI CHAKRABORTY	Research Scheme	WBDST	2018 1095	1898000
		View File		

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

The institute was placed in 64 rank amongst pharmacy colleges in India in NIRF 2019 rankings by MHRD.

The NBA compliance and accreditation of UG Pharmacy Course.Extension of NBA

accreditation for UG Pharmacy program The UG Pharmacy program has been reaccreditated till June 2021.

One national level seminar was organized by the institute. Preparations are on for another national seminar to be organized in August, 2019 . An upgradation training program of Registered pharmacists working in drug regulatory affairs and pharma teaching was also organized.

A fifteen day Induction program was organized for first year students. Various initiatives were taken to familiarize them with the profession of pharmacy. Various life skill education courses were also arranged for them. They were taken on industrial visits

The institute won ZEE Education Excellance Award 2019.

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Workshop for professional improvement	Workshop and traing program for updradation of Registered pharmacists working in drug regulatory affairs, health care and pharma teaching was organized.
New flipped smart classroom	Two new smart classrooms and a flipped classroom has been developed .
New Language Lab	A new language lab with 26 computers and Orell language software and required accoustics has been developed.
Organisation of national and international conference	National level seminar was organized by the institute.
Introduction of flipped teaching	Flipped and blended teaching has been implemented for 1st year UG and PG students.
[View File](#)	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Academic Commitee	22-Jun-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	22-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	MIS is used for all important administrative functions such as admission, accounting, employee details, hostel record, students profile and leave system. This is implemented using the suitable software developed by Hash Technologies. The MIS has proved to be highly usefull in improving. operational efficiency and delivering strategic benefits. 1. Admission. 2. Accounting. 3. Employee details. 4. Hostel Record. 5. Students profile. 6. Leave system.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

• Institute follows the well-structured and systematic process in design, development and revision of curriculum. The institute functions under Maulana Abul Kalam Azad University of Technology. The University follows a globally accepted credit based system. • The university has implemented the new PCI B. Pharm. and M.Pharm syllabus from AY 2017-18. • The institutional BOS takes active part in gap analysis and proposes measures to be taken to bridge these gaps in the curriculum. Various beyond syllabus theory and practical classes are normally proposed to bridge the gap in curriculum. • Newer certificate courses have been proposed in the institutional BOS that will enable the graduating students to be industry- ready. Two such certificate course has been started from AY 2017-18 & AY 2018-19. • Our institution has played a pivotal role by active involvement of our staff members in the systematic processes of the curriculum design and development process at graduate and post-graduate level. • The Institute assesses the need for the revision, to update the subjects and topics which meet the demands of latest development and recent advances happening in the field of pharmacy, the extent and depth of the change, the actual matter which needs to be incorporated and the one which has become redundant which needs to be scrapped.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development

| Pharmaceutical Instrumental Instrumental Analysis | NIL | 02/07/2018 | 270 | employability | analytical |
| Pharmaceutical Marketing Management | NIL | 02/07/2018 | 270 | employability | Marketing |

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NIL	Nill
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nill	NIL	Nill

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	34	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Pharmaceutical Instrumental Instrumental Analysis	02/07/2018	15
Pharmaceutical Marketing Management	02/07/2018	19
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BPharm	Industrial Visit	90
MPharm	Summer Training	95
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes

Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
• **The institute believes in an open and transparent communication with its stakeholders like students, alumni, staff, parents, recruiters and society in whole. • There exists a structured feedback mechanism in the institute for each and every stakeholders. • The present students give their feedback on curriculum delivery and completion of courses once in each semester. • The graduating students take part in feedback process while leaving the institute. • The feedback from alumni, parents and recruiters are also obtained from time to time. Links to these feedback forms are provided in the institutional website. • The analysis of the feedbacks obtained are then analyzed ad plotted. On basis of the analyzed data, academic reforms are proposed. Example of reforms proposed are introduction of beyond syllabus content, modification of institutional mission and vision etc.**

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BPharm	B. Pharm	100	107	100
MPharm	Pharmaceutics	15	15	15
MPharm	Pharmaceutical Chemistry	9	9	9
MPharm	Pharmacology	9	9	9
No file uploaded.				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	100	33	32	11	3

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
43	29	10	4	2	8
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Students Mentoring system is being introduced since back by the institute considering as one of its best pracice. Faculty mentoring play a crucial role in mentoring the all UG students. Students and their mentors share responsibility for ensuring productive and rewarding mentoring relationships. Both Mentor and mentee have a role to play in the success of mentoring. For UG students, a mentor is someone who serves as a guide throughout their institutional training. They provide both professional and personal advice in transitioning into, and out of, graduate school. They give constructive feedback on writing, teaching and other elements of career design. They can serve to help students balance professional goals with their personal lives or give emotional encouragement during challenging times.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
136	41	11

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
43	38	5	5	14

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	DR PRERONA SAHA	Associate Professor	1st position in Oral Presentation in 8th International Science Conference
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BPharm	019	6th/3rd 2018	23/05/2018	30/07/2019
BPharm	019	4th/2nd 2018	22/05/2019	30/07/2019
BPharm	019	2nd/1st 2018	25/05/2018	30/07/2019
MPharm	203	1st/1st 2018	19/12/2018	25/02/2019
MPharm	202	1st/1st 2018	19/12/2018	25/02/2019
MPharm	201	1st/1st 2018	19/12/2018	25/02/2019
BPharm	019	7th/ 4th 2018	19/12/2018	25/02/2019
BPharm	019	5th/3rd 2018	15/12/2018	25/02/2019
BPharm	019	3rd/2nd 2018	15/12/2018	25/02/2019
BPharm	019	1st/1st 2018	17/12/2018	25/02/2019

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

To monitor the progress of the students and to implement continuous internal evaluation system in the institutional level, the following measures have been implemented over the existing continuous evaluation system. a) Weekly online MCQ tests are being held on a designated day, each week, for all subjects in the syllabus. b) Student choose topics relevant to their curriculum and present the topic in form of a presentation. They need give two such seminars in each semester. c) The practical manual contains Pretest questions and Critical thinking questions. The pretest questions are based on prerequisite knowledge before the students actually carry out the practical. Critical thinking questions are thought provoking questions. The students are able to answer these Critical thinking questions once they perform the practical. d) The students are assessed everyday in their practical classes out of 40 marks. The assessment is based on their performance in the lab, their understanding of the practical, attendance and viva voce. The continuous assessment marks for practical are calculated from them. e) University initiated uploading of contineous assessement marks CA 1 to CA4 and practical contineous assessement marks PCA1 to PCA 2 in their university exam portal from even sem 2019.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Yes. Academic calendar is prepared before the start of each semester and is placed for final approval in BOG. The standard guidelines issued by UGC is followed for formulation of academic calendar. The number of working days is kept at least 90. The calendar is disseminated to the stakeholder's most visibly through institutional website. Other than the website it is displayed in a separate notice board. The timelines for internal examination and end semester examination schedules are displayed in the academic calendar. Various activities as planned by various clubs of the institute are also scheduled and displayed via the academic calendar.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.gnipst-pc.ac.in/po-peo.php

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
201	MPharm	Pharmaceutical Chemistry	9	9	100
202	MPharm	Pharmacology	9	9	100
203	MPharm	Pharmaceutics	15	15	100
019	BPharm	Pharmaceutical Technology	116	116	100

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://gnipst-pc.ac.in/pdf/GNIPST%20feedback%20report-18-19.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	1095	DST	1898000	426900
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Workshops/Seminars Conducted on Intellectual Property Rights (IPR)	Pharmacy	17/08/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
outstanding contribution in reviewing	Dr. Asis Bala	elsevier	13/03/2019	Research
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Yes	GNIPST Incubation Centre	Guru Nanak Educational Trust	Vanishing soap paper	FMCG	12/09/2018
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
15000	20000	30000

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NIL	Nill

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if

						any)
International	Pharmacy		5			2.1

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Pharmacy	2

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Effect of particle size on dissolution profile of ciprofloxacin hydrochloride from floating matrix tablet.	Dipanjan Ghosh, Debabrata Ghosh Dastidar, Ritam Bairagi, Swati Abat, and A. Chatterjee	International journal of pharmaceutical research	2018	6	yes	11
Inhibition of biofilm formation of Pseudomonas aeruginosa by caffeine: a potential approach for sustainable management of biofilm	Chakraborty, P., D.G. Dastidar, P. Paul, S. Dutta, D. Basu, S.R. Sharma, S. Basu, R.K. Sarker, A. Sen, A. Sarkar, and P. Tribedi,	Archives of Microbiology	2019	6	yes	33
A novel triazole NMK-T-057 induces autophagic cell death in breast cancer cell by inhibiting	Amlan Das, Maruthi Kumar Narayanam, Santanu Paul, Pritha Mukherjee, Suvranil	J. Biol. Chem,	2019	6	yes	77

gamma secretase-mediated activation of Notch-signaling	Ghosh, Debabrata Ghosh Dastider, Subhendu Chakraborty, Arnab Ganguli, Biswarup Basu, Mahadeb Paul, Urmi Chatterjee, Sushanta K. Banerjee, Parimal Karmaker, Dalip Kumar, Gopa					
Theaflavin and epigallocatechin-3-gallate synergistically induced apoptosis through inhibition of PI3K/Akt signaling upon depolymerizing in HeLa cells	Subhendu Chakraborty, Debasish Nag, Arnab Ganguli, Amlan Das, Debabrata Ghosh Dastidar and Gopal Chakrabarti,	Journal of Cellular Biology	2018	6	Yes	60
Porous Microsphere : Synthesis, characterization and applications in pharmaceutical and medical fields	Debabrata Ghosh Dastidar, Sourabh Saha and Moumita Chowdhury	International Journal of Pharmaceutics	2018	6	Yes	71
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self	Institutional affiliation as mentioned in

						citation	the publication
Effect of particle size on dissolution profile of ciprofloxacin hydrochloride from floating matrix tablet.	Dipanjan Ghosh, Debabrata Ghosh Dastidar, Ritam Bairagi, Swati Abat, and A. Chatterjee	International journal of pharmaceutical research	2018	6		59	yes
Inhibition of biofilm formation of Pseudomonas aeruginosa by caffeine: a potential approach for sustainable management of biofilm	Chakraborty, P., D.G. Dastidar, P. Paul, S. Dutta, D. Basu, S.R. Sharma, S. Basu, R.K. Sarker, A. Sen, A. Sarkar, and P. Tribedi,	Archives of Microbiology	2019	6		58	yes
A novel triazole NMK-T-057 induces autophagic cell death in breast cancer cell by inhibiting gamma secretase-mediated activation of Notch-signaling	Amlan Das, Maruthi Kumar Narayanam, Santanu Paul, Pritha Mukherjee, Suvranil Ghosh, Debabrata Ghosh Dastider, Subhendu Chakraborty, Arnab Ganguli, Biswarup Basu, Mahadeb Paul, Urmi Chatterjee, Sushanta K. Banerjee, Parimal	J. Biol. Chem,	2019	6		72	yes

	Karmaker, Dalip Kumar, Gopa					
Theaflavin and epigallocatechin-3-gallate synergistically induced apoptosis through inhibition of PI3K/Akt signaling upon depolymerizing in HeLa cells	Subhendu Chakraborty, Debasish Nag, Arnab Ganguli, Amlan Das, Debabrata Ghosh Dastidar and Gopal Chakrabarti,	Journal of Cellular Biology	2018	6	60	yes
Porous Microsphere : Synthesis, characterization and applications in pharmaceutical and medical fields	Porous Microsphere : Synthesis, characterization and applications in pharmaceutical and medical fields	International Journal of Pharmaceutics	2018	6	30	yes

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	6	37	Nill	Nill
Presented papers	Nill	4	Nill	Nill

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Visit to orphanage Home	SLC of GNIPST	19	52
Visit to oldage Home	SLC of GNIPST	22	56

Garments Distribution	SLC of GNIPST Rotary Club	21	66
Blood Donation Camp	SLC of GNIPST and Rotary Club	20	75
Thalasemia Awarness Program	Rotary Club	25	86

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	Nill

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat Abhiyan	NA	Swachh Bharat Abhiyan at Campus Premices	25	85
awareness program on cancer	NA	awareness program on cancer	22	90
Seminar on Gender Equality	NA	Seminar on Gender Equality	30	96

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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research Consultancies	03	JSIS Agro Pvt. Ltd	180
Research Consultancies	03	Janta Dairy	180

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
NIL	NIL	NIL	Nill	Nill	0

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
RICKER PHARMA	20/03/2019	Research and Developement Consultancies	25
JUPITAR PHARMA	20/03/2019	Research and Developement	30
STATMED PVT. LTD	20/03/2019	Research and Developement Consultancies	28
Hash technology	20/03/2019	Research and Developement Consultancies	30
Caplet India Ltd	20/03/2019	Research and Developement Consultancies	26
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
180	175

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
No file uploaded.	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation

| LIB MAN | Nill | Web 2.1 | 2018 |

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	10613	7775696	608	508485	11221	8284181
Reference Books	60	1761643	25	180360	85	1942003
e-Books	1200	Nill	753	41300	1953	41300
Journals	13	Nill	Nill	36900	13	36900
e-Journals	23	Nill	Nill	107712	23	107712
Digital Database	1	Nill	1	41300	2	41300
CD & Video	405	Nill	28	Nill	433	Nill
Library Automation	1	Nill	Nill	120000	1	120000
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr Prerona Saha	Pharmaceutical Organic Chemistry II	JIS Academic Resources	02/07/2018
Ms. Moumita Chowdhury	Physical Pharmacy	JIS Academic Resources	02/07/2018
Ms. Priyanka Roy	Pharmaceutical Microbiology	JIS Academic Resources	02/07/2018
Ms. Sumana Roy	Pharmaceutical Engineering	JIS Academic Resources	02/07/2018
Dr. Arghya Kusum Dhar	Pharmaceutical Organic Chemistry III	JIS Academic Resources	02/01/2019
Ms. Jeenatara Begum	Physical Pharmaceutics II	JIS Academic resources	02/01/2019
Mr. Dipanjan Mandal	Pharmacology I	JIS Academic resources	02/01/2019
Mr. Soumya Bhattacharya	Pharmacognosy and phytochemistry I	JIS Academic resources	02/01/2019
Mr. Prapti Chakraborty	Industrial Pharmacy I	JIS Academic resources	02/01/2019
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	83	24	83	10	10	6	25	45	0
Added	47	0	47	5	26	6	10	5	0
Total	130	24	130	15	36	12	35	50	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
JIS Academic resources	http://112.133.209.26:82/Forms/frmLogin.aspx?branch_id=9

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
140	13430563	198	19024942

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

There exists an established system comprising of procedures and policies for maintaining and utilizing physical, academic and support facilities including laboratories, library, computers, classrooms etc. https://gnipst-pc.ac.in/pdf/Procedures20and20policies2020in20GNIPST20for20infrastructure20maintainance.pdf • Regular maintenance of infrastructural facilities is looked after by the estate maintenance. • Various SOPs are in place for day to day care of the infrastructural facilities. • Dedicated and skilled personnel are present for various maintenance purposes like plumbing, electrical etc. Various registers for different issues like plumbing, electrical, backup power etc. are maintained where the issues are lodged. After taking care of the issue registered the dockets are closed. • The institutional fire and safety committee looks after the adherence to fire safety regulations. • The fire extinguishers are periodically checked and refilled. • Periodical water analysis is also performed with registered companies to check the potability of the water. • Every laboratory has a fixed asset register along with the copies of purchase order of the instruments present in the lab. Each lab also has issue registers for consumables and glassware. Breakage registers are also present.

https://gnipst-pc.ac.in/

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Institutional scholarship	72	2856000
Financial Support from Other Sources			
a) National	TFW PMSS VIVEKANANDA GPAT	31	3404000
b)International	NIL	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Meditation during student induction program	23/08/2018	100	SKN foundation
Yoga during student induction program	20/08/2018	100	SKN Foundation
Language Lab	03/09/2018	100	Faculty, GNIPST
Remedial coaching	03/09/2018	100	Faculty, GNIPST
Personal counselling and mentoring	02/07/2018	400	Faculty, GNIPST
Soft skill developemnt	01/02/2019	180	Faculty, GNIPST
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Guidance for competitive exams	78	Nill	70	Nill
2019	Career counselling	Nill	70	Nill	58
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance

redressal		
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
WIPRO	35	21	Cognizant Technology Solution	10	3

View File

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	UG PHARMACY	UG PHARMACY	BANASTHALI BIDYAPITH	M.Pharm
2018	3	UG PHARMACY	UG PHARMACY	RAMAYA COLLEGE	M.Pharm
2018	3	UG PHARMACY	UG PHARMACY	ISF COLLEGE OF PHARMACY	M.Pharm
2018	1	UG PHARMACY	UG PHARMACY	JSS, OOTY	M.Pharm
2018	1	UG PHARMACY	UG PHARMACY	CENTRAL UNIVERSITY OF PUNJAB	M.Pharm
2018	4	UG PHARMACY	UG PHARMACY	NIPER	M.S
2018	1	UG PHARMACY	UG PHARMACY	JADAVPUR UNIVERSITY	M.Pharm
2018	3	UG PHARMACY	UG PHARMACY	BIT MESHRA	M.Pharm
2018	2	UG PHARMACY	UG PHARMACY	GURU JABBHESHWAR UNIVERSITY HISAR	M.Pharm
2018	45	UG PHARMACY	UG PHARMACY	MAKAUT	M.Pharm

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	6

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year		
Activity	Level	Number of Participants
Annual Fest	**Institute**	**500**
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	**Champion in GNIT cultural Fest ZYZZVA.**	**National**	**Nill**	**5**	**NA**	**GNIPST Fashion Show Team:**
2018	**Nartana -solo dance comp etition**	**National**	**Nill**	**1**	**NA**	**Ms. Meghna Biswas**
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

• A girl and a boy student representative is chosen from each section at the start of the semester in each academic session. • Current students are present in anti ragging committee, Internal complaints committee and gender sensitization cell and internal quality assurance cell. • The student co-ordinators and members are an active part of the various club activities under the Student's Life Centre. They help in planning and organizing various club activities along with the faculty co-ordinators.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Guru Nanak Institute of Pharmaceutical Science Technology Alumni Association is a non-profitable organisation dedicated to maintain support a mutually beneficial relationship between alumni the institution. The association was founded on 12th Feb. 2012 and subsequently was registered under West Bengal Societies Act XXVI of 1961 on 18th May 2015. The students who successfully pass outs from this institute are eligible for taking membership. The Executive Committee of the association comprising of 15 members manage its day to day functions and affairs.

5.4.2 – No. of enrolled Alumni:

120

5.4.3 – Alumni contribution during the year (in Rupees) :

150000

5.4.4 – Meetings/activities organized by Alumni Association :

Student Alumni interaction Friendly Football Match, Reunion, Contribution in

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Participation of faculty members and in decision making bodies. • Faculty members of different grades are present in major institutional decision making statutory bodies like Board of Governors, Board of Studies, Academic Council and Finance committee etc as per the norms. The institutional statute specifies the term and function of the faculty members deputed to these bodies and they are adhered to. • The institutional IQAC also has representation of faculty members from different grades as per statutory norms. • There are several other committees in the institute that looks after various aspects of the institutional governance. These are departmental academic committee, examination committee, R D committee, purchase committee, library committee, training and placement cell, internal complaints committee and gender sensitization cell, anti ragging committee etc. • There are different committees that look into the participation of students in various co-curricular and extra-curricular activities like sports committee, cultural committee, scientific committee and student's life center. Alumni/Student participation in decision making bodies: • Alumni members are present in institutional board of studies, Anti ragging committee, Internal complaints committee and gender sensitization cell and internal quality assurance cell. • Current students are present in anti ragging committee, Internal complaints committee and gender sensitization cell and internal quality assurance cell. • The student co-ordinators and members are an active part of the various club activities under the Student's Life Centre. They help in planning and organizing various club activities along with the faculty co-ordinators. • Distinguished alumni in various walks of life work as alumni mentors to current students. • Interactive sessions are regularly held by alumni members.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Research and Development	Faculty members are encouraged to apply for extramural research project. Special incentive are given to faculty member with outstanding publications. Travel grants also given to attend conference and seminar.
Examination and Evaluation	University has initiated continuous assessment CA-1 to CA-04 for theory subject and PCA-01 to PCA-02 for practical subjects.
Curriculum Development	As the institute is an affiliated college under MAKAUT, we can not change the syllabus as such. However, the curricular gap are identified and bridge courses via NPTEL, beyond syllabus theory and practical are conducted.

Teaching and Learning	Flipped teaching and learning has been implemented from the academic year 2018-19 for B.Pharm and M.Pharm 1st year students.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Finance and Accounts	Internal and external financial audits are regularly carried out in Guru Nanak Institute of Pharmaceutical Science and Technology. Statutory internal audit is performed twice a year.
Student Admission and Support	With the help of MIS ERP portal the student admission is managed efficiently.
Examination	The continuous assessment data for theory and practical examination are uploaded in the university examination portal as per the requirement.
Administration	The purchase module and library are run by ERP and LIBMAN software respectively.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. Sriparna KunduSen	ICDP -2019	NA	5000
2019	Dr. Lopamudra Datta	ICDP-2019	NA	5000
2018	Dr. Sriparna KunduSen	WOSA 2018	NA	5000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	5 days long FDP	NA	10/10/2018	14/10/2019	65	Nill
2018	NA	PCR workshop for Lab	14/08/2018	14/08/2019	Nill	22

		technician				

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Developement Program	21	01/07/2018	30/06/2019	5

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
43	43	31	31

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Contribution to PF, Group Insurance, Medical	Contribution to PF, Group Insurance, Medical Allowance, ESIC	Student Group Mediacal Insurance

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal and external financial audits are regularly carried out in Guru Nanak Institute of Pharmaceutical Science and Technology. Statutory internal audit is performed twice a year.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	0

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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	JIS Academic Audit	Yes	Institute Audit by IQAC
Administrative	Yes	JIS Adminstrative Audit	Yes	Institute Adminstrative Audit

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

• Parent Teacher meeting is called twice in every semester. • The parents are encouraged to ask queries pertaining to their wars, give their feedbacks, voice their concerns etc. • Regular feedback is also sought from the parents about studies, infrastructure, hostel etc. • The mentors are in regular touch with the parents of their mentees.

6.5.3 – Development programmes for support staff (at least three)

1. PCR Training for lab technicians 2. LIBMAN training for librarians 3. ERP training for accounts staff and admission cell.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. GPAT guidance via subject wise online tests 2. Seminar presentation in each semester. 3. Pretest questions and critical thinking questions in Practical manual

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	5 days long FDP	26/10/2018	10/10/2018	14/10/2019	65
2019	International Conference	16/04/2019	29/03/2019	30/03/2019	92

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender Sensitization: Gender concepts and attributes.	13/09/2018	13/09/2018	23	11

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Alternate Energy initiatives was taken installing complete solar pannel two wings of the institute building.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill
Provision for lift	Yes	Nill
Rest Rooms	Yes	Nill
Ramp/Rails	Yes	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	27/09/2018	1	Swach Bharat Abhiyan	Cleaning to local area near to campus	77

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Annual Report Book	30/11/2019	The annual report consist of academic results, progression of students into higher studies, Student placement, Industry visit and trainings, students rank in national competitive examination, student and faculty publication, conference proceeding, awards achieved and co-curricular and extracurricular activity of the students.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
universal Values and Ethic by Brahma Kumaris	22/05/2019	22/05/2019	112

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The campus is plastic free green campus. Institute dissuade the usage of single use non-biodegradable plastic. The institute maintain the policy of less usages of printing material using e-mode of communication and documentation.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

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. Mentoring is a professional relationship in which faculty assists a student in developing specific skills and knowledge that enhances the student's professional, academic and personal growth. Mentor Scheme equip students with better personal resources to make the transition to university study quickly and effectively, and thereby assist them to succeed in their course. In particular, the scheme aims to address deficiencies in student attitudes, habits, and knowledge regarding study and learning. • 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. Institute developed own ICT based portal for flip teaching and learning. • Student's Life Centre: GNIPST has developed Students Life Centre which include 8 clubs namely Cultural Club Debate and Extempore Club Sports Club Social Service Club Photography Club Literary and Painting Club Innovative and Scientific modelling Club and Eco Club. Club activities engage the students for different cultural activities debate and extempore sports activities, social service photography and panting 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. • Training and Placement support: Every year T C Cell of Guru Nanak Institute of Pharmaceutical Science Technology (GNIPST) arranges Industrial tour outside the state to visit different renowned Pharmaceutical Industry across the Country to develop the practical knowledge of UG PG students. Institute successfully maintain the high placement statistics over the years and the fact that our students bear record breaking placements itself is a testimony to our quality. The alumnae have set new standards in the corporate world through their remarkable contributions and it is our firm conviction that we will continue that legacy in the years to come. • 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. Also it arranges for Soft Skill Enhancement Programmes, Mock interviews, Group Discussions, Finishing School program etc. • Faculty Development Program. The IQAC of GNIPST organises the 5 days long FDP every year for upgrading the scientific and technical knowledge for the faculty.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://gnipst-pc.ac.in/feedback-gnipst.php

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The institution has clearly stated goals and objectives which are reflected in its Mission, Vision, Program Educational Objectives and Program Outcomes. These have been evolved by taking its goals and objectives into consideration, the professional and societal needs, including the constantly emerging National and International requirements. Good Governance and inspiring leadership of

principal, management and committed management for quality education. • Strong institutional leadership supports quality culture. • Motivational work culture based on dissemination of knowledge. • Excellent infrastructure with respect to classrooms, laboratories, • Committed and enthusiastic faculty members. • Motivational environment and awards for faculty and students. • Research publication in various national and international peer reviewed journals. • Systematic approach to obtain academic accreditation nationally through the NBA and NAAC.

Provide the weblink of the institution
https://gnipst-pc.ac.in/

8.Future Plans of Actions for Next Academic Year

• Development of smart classrooms and laboratories will be of prime focus to ensure flipped learning methodologies. Museum and medicinal garden are also to be developed parallelly. Digital projection system to be installed in each classroom that will not only help the students but also felicitate the faculty members towards newly implemented flipped teaching methodologies. The classroom sitting arrangement of the students may also be rearranged according to the requirement. ICT based classroom will be renovated. Flipped classrooms will be well equipped with smart board, camera and recording system. Institute is planning to customize all academic as well as administrative works including the examination system along with the help of HASH technologies. • Phase wise upgradation of libraries are to be implemented in the upcoming session. E-resources to be procured and subscribed including e-books and e-magazines. Procurement of latest version of pharmacopoeias, and text books of all respective theory and practical courses to be done in the upcoming year. • Upgradation of laboratory is another significant aspect of infrastructural development of the institute. For that numbers of new instruments along with software to be procured. Maintenance of the existing instruments are also planned. • Faculty members will be informed about flipped teaching methods and further faculty development programs will be arranged for them to understand the different technologies that can be used during flipped teaching. Guidelines for using different software during preparation of lecture videos are also to be informed to faculty members. A conference is planned to be held in the upcoming academic year • Research and development facilities are also planned to be upgraded according to the need of the ongoing projects. Budget allocation towards procurement of chemicals as well as instruments are planned accordingly. Faculties of the institute are encouraged to apply for different projects funded by state government and central government agencies. Institutional level enterprise resource planning (ERP) is done and to be implemented as soon as possible. • Faculty members will be encouraged to attend national and international seminars as well as organize national and international seminar. • Industry collaboration are also planned in this academic year. Pharmaceutical industry tours are planned for 2nd year, and 3rd year students for acquiring a practical knowledge about the course and formulation development technologies. The students of 1st year will be sent to visit a pharmaceutical company to have a knowledge about the course. • Guru Nanak Institute of Pharmaceutical Science and Technology is planning to upgrade the National Institutional Framework Ranking (NIRF) in upcoming academic year. For the above-mentioned reason, the institution is planning to implement a strict assessment system and continuous result analysis will be done which will reflect upon the quality of the students of the institute. To improve the interaction with stakeholders, the institutional quality assurance cell (IQAC) is planning to incorporate some suggestions such as taking routine feedback from all the stakeholders, routine data collection from the stakeholders about the placements and other academic activities. Using social media platforms are also planned to