Yearly Status Report - 2019-2020

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. Asis Bala**
Phone no/Alternate Phone no.	**03325231247**
Mobile no.	**9903328027**
Registered Email	**asis.bala@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%202018-19.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://gnipst-pc.ac.in/pdf/ac-even-sem-2019.pdf

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	**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
Application for autonomy	**25-Jul-2018**	**0**

	00	
Completion of new Seminar Hall	04-Dec-2019 00	0
New ICT enabled smart class room.	18-Dec-2019 00	0
IPGA student's Chapter inaugurated	26-Sep-2019 00	70
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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
Dr. Swati Chakrabotry	R D Project	West Bengal Biodiversity Board	2019 730	500000
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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 at 67 rank amongst pharmacy colleges in India in NIRF 2020 rankings by MHRD.

New ICT enabled smart class room: New ICT enabled smart Flip class room has been inaugurated at the Institute on 18th December 2019 with the seating capacity of 30.

Completion of new Seminar Hall : The new seminar hall with seating capacity of 80 has been inaugurated on 4th December 2019.

Application for autonomy: The application for Autonomy was submitted in the year 2018 and the first Inspection was conducted in the year 2019. It has been decided to reapply for the same.

Application for new post graduate pharmacy courses: The application for M. Pharm in Regulatory Affairs and M. Pharm in Pharmaceutical Quality Assurance was applied in the year 2019 to AICTE, PCI and Affiliated University.

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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
Application for Autonomous Status	Application submitted to UGC
Application for two new PG Courses	Applied for M.Pharm in Quality Assurance and Regulatory Affairs to PCI
Full implementation of flipped teaching	Flipped teaching methodology is practiced for all B.Pharm and M.Pharm students
Developement of Central Research Lab	IQAC initiated the developement of Central Research Lab , proposal Submitted
Application to CPCSEA and re-registration of Animal House	Reconstitution of IAEC was made and applied to CPCSEA for approval
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Academic Committee	23-Jun-2020

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	2020

Date of Submission	19-Feb-2020

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, leave system and examination. 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. 7. Examination 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 and 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	06/07/2020	270	employability	analytical
Pharmaceutical Marketing Management	NIL	06/07/2020	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

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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	35	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	06/07/2020	20
Pharmaceutical Marketing Management	06/07/2020	15

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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	Summer Training	90
BPharm	Industry Visit	86

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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 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, vision and Program Educational Objectives 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	115	100
MPharm	Pharmaceutical Chemistry	9	12	9
MPharm	Pharmacology	9	15	9
MPharm	Pharmaceutics	15	18	15
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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
2019	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	43	12	11	2	5
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)

Yes. Student mentoring system is available in the institute. • The mentors are assigned in the first year of study itself. • The mentors guide and counsel the students in both academic and non-academic matters to help them achieve best in their lives. • Mentorship is a professional relationship in which the faculty assists the student in developing skills and knowledge that enhances the student's professional, academic and personal growth. • The mentor keeps track of the student's attendance, performance in continuous evaluation and end semester examinations. • The mentors assist the students in their studies as and when required. • The mentee is encouraged to take part in various co-curricular and extra- curricular activities. The students are encouraged to take active part in various club activities taking place in the institute. • The mentor counsels the students about the issues that they might be facing in their personal life, if the student shares the issue with them. • Career

guidance is majorly offered by the placement and training cell of the institute. However, the mentors also take active part in training the mentees to achieve their goals.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
460	43	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	42	1	1	15

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
2019	Mr. Debebrata Ghosh Dastidar	Assistant Professor	Appreciation Award for making new fourays in the area of Resaerch and developement
2019	Mr. Dipanjan Mandal	Assistant Professor	Appreciation Award for making new fourays in the area of Resaerch and developement
2019	Mr. Samrat Bose	Assistant Professor	Appreciation Award for making new fourays in the area of Resaerch and developement
2019	Ms. Tamalika Chaktraborty	Assistant Professor	Appreciation Award for making new fourays in the area of Resaerch and developement
2019	Ms. Tamalika Chaktraborty	Assistant Professor	Certificate of Appreciation in Teacher Innovation Award
2019	Ms. Jeenatara Begum	Assistant Professor	Certificate of Appreciation in Teacher Innovation Award
2019	Mr. Debjeet Sur	Assistant Professor	NPTEL Course on Introduction to Research
2019	Dr. Asis Bala	Associate Professor	Selected as CPCSEA Nominee for the IAEC

2020	Dr. Asis Bala	Associate Professor	Associate Editorial Board Member Endocrine Metabolic Immune Disorders - Drug Targets (JCR 2019 Impact Factor 1.973)
2019	Mr. Debebrata Ghosh Dastidar	Assistant Professor	Appreciation Award for Book Chapter Publication

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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	1st/1st 2019	16/12/2019	24/02/2020
BPharm	019	3rd/2nd 2019	15/12/2019	24/02/2020
BPharm	019	5th/3rd 2019	15/12/2019	24/02/2020
BPharm	019	7th/ 4th 2019	19/12/2019	24/02/2020
MPharm	201	1st/1st 2019	19/12/2019	25/02/2020
MPharm	202	1st/1st 2019	19/12/2019	25/02/2020
MPharm	203	1st/1st 2019	19/12/2019	25/02/2020
BPharm	019	2nd/1st 2019	25/05/2019	30/07/2020
BPharm	019	4th/2nd 2019	25/05/2019	30/07/2020
BPharm	019	6th/3rd 2019	25/05/2019	30/07/2020

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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 continuous assessment marks CA 1 to CA4 and practical continuous assessment 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://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
019	BPharm	Pharmaceutical Technology	124	124	100
203	MPharm	Pharmaceutics	15	15	100
202	MPharm	Pharmacology	9	9	100
201	MPharm	Pharmaceutical Chemistry	9	9	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)

Yes; the student satisfaction survey is conducted in each year for outgoing batch via the feedback survey form given to each students. The analysis of the survey is also displayed in the website. https://gnipst-pc.ac.in/pdf/GNIPST%20feedback%20report-19-20.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)	730	West Bengal Biodiversity Board	5	2.5

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
One Day Workshop on Intellectual Property Rights (IPR))	Pharmacy	27/03/2019

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
NIL	NIL	NIL	Nill	NIL

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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 CentreYes	Guru Nanak Educational Trust	Hand Sanitizer	FMCG	12/02/2020

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
25000	30000	50000

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	7	1.4

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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	3

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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

Title	Authors	Journal	Year	?	?	?
Targeting cellular microtubule by phytochemical apocynin exhibits autophagy-mediated apoptosis to inhibit lung carcinoma progression and tumorigenesis	Paul S, Chakrabarty S, Ghosh S, Nag D, Das A, Ghosh Dastidar D, Dasgupta M, Dutta N, Kumari M, Pal M, Chakrabarti G	Phytomedicine.	2020	6	Yes	68
NMK-BH2, a novel microtubule-depolymerising bis (indolyl)-hydrazide-hydrazone, induces apoptotic and autophagic cell death in cervical cancer cells by binding to tubulin at colchicine - site.	Das Mukherjee D, Kumar NM, Tantak MP, Datta S, Ghosh Dastidar D, Kumar D, Chakrabarti G.	Biochim Biophys Acta Mol Cell Res.	2020	6	Yes	65
Surface functionalization of porous chitosan microsphere with silver nanoparticle and carbon dot	Ghosh Dastidar, D., S. Saha, G. Dutta, S. Abat, N. Guha, and D. Ghosh,	Materials Research Express,	2020	6	Yes	28
pH-Triggered in-situ release of silver nanoparticle in hydrogel	Ghosh, D., D.G. Dastidar, D. Banerjee, and S. Chatterjee,	Biomedical Physics Engineering Express	2019	6	Yes	50

for topical applications.						
Production and Characterization of Self Emulsifying Tablet of Dexamethasone.	Debabrata Ghosh Dastidar, Souvik Ghosh, Abhijit Sengupta, Dipanjan Ghosh, Dibya Das, Gouranga Dutta, and N. Guha,	International Journal of Pharmaceutical Research	2019	6	Yes	53
Paclitaxel-encapsulated core-shell nano particle of cetyl alcohol for active targeted delivery through oral route	Dastidar, D.G., A. Das, S. Datta, S. Ghosh, M. Pal, N.S. Thakur, U.C. Banerjee, and G. Chakrabarti	Nanomedicine (Lond),	2019	6	Yes	83
Dietary antioxidants significantly reduced phorbol myristate acetate induced oxidative stress of peripheral blood mono nuclear cells of patients with rheumatoid arthritis	Chetia P, Khandelwal B, Haldar PK, Bala A	Curr Rheumatol Rev	2020	14	Yes	28
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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 citation	Institutional affiliation as mentioned in the publication

Title	Authors	Journal	Year	Vol	Page	Peer Reviewed
Targeting cellular microtubule by phytochemical apocynin exhibits a utophagy-mediated apoptosis to inhibit lung carcinoma progression and tumorigenesis	Paul S, Chakrabarty S, Ghosh S, Nag D, Das A, Ghosh Dastidar D, Dasgupta M, Dutta N, Kumari M, Pal M, Chakrabarti G	Phytomedicine.	2020	6	68	Yes
Dietary antioxidants significantly reduced phorbol myristate acetate induced oxidative stress of peripheral blood mononuclear cells of patients with rheumatoid arthritis	Chetia P, Khandelwal B, Haldar PK, Bala A	Curr Rheumatol Rev	2020	14	28	Yes
Paclitaxel-encapsulated core-shell nanoparticle of cetyl alcohol for active targeted delivery through oral route	Dastidar, D.G., A. Das, S. Datta, S. Ghosh, M. Pal, N.S. Thakur, U.C. Banerjee, and G. Chakrabarti	Nanomedicine (Lond),	2020	6	52	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	8	171	Nill	Nill
Presented	5	126	Nill	Nill

papers			
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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
Thalasemia Awarness Program	Rotary Club	30	257
Blood Donation Camp	Rotary Club	22	92
Garment distributionSLC	Social Welfare Club,GNIPST	39	158
Orphanage visit	Social Welfare Club,GNIPST	36	82
Awareness on antibiotic resistance	IPGA Student Chapter, GNIPST	41	156
Awarness on Antibiotic resistance	IPGA Bengal Branch	40	160
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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
AIDS Awareness Program	SLC of GNIPST	AIDS Awareness Program	25	56
Gender Sensitization Workshop	ICC and GSC	Workshop Gender Sensitization	31	85
Swachh Bharat	SLC of GNIPST	Swachh Bharat Abhiyan at the Campus and sorrounding Area	40	105
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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
Drug Design	10	Silpakarn University, Faculty of Pharmacy	180
Production of probiotic coffee and its evaluation Production of condensed milk with antioxidant propertyProduction of probiotic beverage	3	Janta Dairy	365
Production and evaluation of herbal mouth paint Preparation of antimicrobial chewing gum Preparation of herbal ointment with antimicrobial properties	3	JSIS Agro Pvt. Ltd	365
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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
Research and developement	Research and developement	Silpakarn University, Faculty of Pharmacy	12/11/2019	31/12/2020	10
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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
Silpakarn University, Faculty of Pharmacy	12/11/2019	Research And Developement	10
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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
59	56

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Newly Added
Classrooms with LCD facilities	Existing
Seminar Halls	Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Newly Added
Class rooms	Existing
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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	Partially	Web 2.1	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	11221	8284181	611	749445	11832	9033626
e-Books	753	Nill	Nill	41300	753	41300
Reference Books	85	1942003	28	190464	113	2132467
e-Journals	23	Nill	Nill	102240	23	102240
Digital Database	1	Nill	Nill	41300	1	41300
CD & Video	433	Nill	18	Nill	451	Nill
Library Automation	1	Nill	Nill	120000	1	120000
Journals	13	Nill	Nill	36900	13	36900
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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. Sumana Chatterjee	Medicinal Chemistry II	JIS Academic Resources	30/06/2020
Dr. Sriparna KunduSen	Medicinal Chemistry I	JIS Academic Resources	30/06/2020
Dr. Asis Bala	Pharmacology II	JIS Academic Resources	30/06/2020
Mr. Soumya Bhattacharya	Herbal drug technology	JIS Academic Resources	30/06/2020
Dr. Sumana Chatterjee	Medicinal Chemistry III	JIS Academic Resources	02/01/2020
Mr. Samrat Bose	Pharmacology III	JIS Academic resources	02/01/2020
Ms. Sumana Roy	Herbal Drug Technology	JIS Academic resources	02/01/2020
Ms. Anuranjita Kundu	Biopharmaceutics and Pharmacokinetics	JIS Academic resources	02/01/2020

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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	110	1	110	2	1	6	1	45	0
Added	0	0	0	0	0	0	0	0	0
Total	110	1	110	2	1	6	1	45	0

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

45 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
185	17809348	50	4800768

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. • 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/pdf/Procedures20and20policies2020in20GNIPST20for20infrastructure20maintainance.pdf

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	71	2776000
Financial Support from Other Sources			
a) National	TFW PMSS S VIVEKANANDA GPAT	30	3156000
b)International	NIL	Nill	0
No file uploaded.			

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
Soft skill developemnt	03/02/2020	210	Faculty, GNIPST
Personal counselling and mentoring	01/07/2019	440	Faculty, GNIPST
Remedial coaching	02/09/2019	121	Faculty, GNIPST
Bridge courses	01/07/2019	238	NPTEL
Language lab	10/07/2019	100	Guru Nanak Educational Trust
Yoga during Student Induction Program	20/08/2019	100	SKN Foundation

Meditation during Student Induction Program	22/08/2019	100	SKN Foundation

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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 examination	78	Nill	70	Nill
2020	Guidance for competitive examination	80	Nill	69	Nill
2020	Career counselling	Nill	65	Nill	55

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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
Cipla (Marketing)	26	2	Fresenius Kabi (Production)	6	2

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
2019	1	B.Pharmacy	Pharmacy	NIPER,SAS Nagar	M.S Pharmacology Toxicology
2019	18	B.Pharmacy	Pharmacy	GNIPST	M.Pharmacy

| 2019 | 8 | B.Pharmacy | Pharmacy | BIT MESRA | M.Pharmacy |

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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	7

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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- Fashion Parade	State	400
Annual Fest - Solo singing competition	State	120
Annual Fest - Band competition	State	90

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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
2019	Fashion Parade 1st Prize at Sagar Datta Medical College	National	Nill	1	NA	GNIPST Fashion Show Team
2019	Solo singing competition at Sagar Datta Medical College	National	Nill	1	NA	Megha Biswas
2019	Fashion show competition Champion in GNIT cultural Fest ZYZZVA.	National	Nill	1	NA	GNIPST Team
2020	Nartana -solo dance competition Champion	National	Nill	1	NA	MEGHNA BISWAS

	in GNIT cultural Fest ZYZZVA. WINNER					
2020	Yugen inter college essay writing competition	National	Nill	1	NA	Samadrita Majumder Manjarima Ganguly Suparna Ghosh

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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 coordinators 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:

<div align="center">180</div>

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

<div align="center">200000</div>

5.4.4 – Meetings/activities organized by Alumni Association :

Student Alumni interaction program, Organise Reunion, Contributing to Annual Fest.

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 statuatory 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 centre. 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
Industry Interaction / Collaboration	Staff members are encouraged to inetract with outside the world and make some effective collaborations.
Teaching and Learning	The existing teaching -learning methodologies are now converted to Flip Teaching
Curriculum Development	Since the institute is an affiliated college under the University the institute cant not design the curriculum.
Research and Development	Staff members are encouraged to apply for external research grants.

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

E-governace area	Details
Administration	The purchase module and library are run by ERP and LIBMAN software respectively.
Student Admission and Support	ERP software is used for students admission data record. Monitoring of students attandance.
Examination	The continuous assessment data for theory and practical examination are uploaded in the university examination portal as per the requirement.

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	Debabrata Ghosh Dastider	Appreciation Award for Book Chapter	NA	5000
2019	Debabrata Ghosh Dastider	Appreciation Award for making New Forays in the area of Research and Development	NA	5000
2019	Dipanjan Mandal	Appreciation Award for making New Forays in the area of Research and Development	NA	5000
2019	Samrat Bose	Appreciation Award for making New Forays in the area of Research and Development	NA	5000
2019	Tamalika Chakraborty	Appreciation Award for making New Forays in the area of Research and Development	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)
2019	Faculty Developement Program	Hands on training on Instrument Calibratio	15/07/2019	19/07/2019	53	Nill

2020	Faculty Developement Program	Hands on training on Laboratory Safety	17/08/2020	21/08/2020		48	Nill

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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	35	01/07/2019	30/06/2020	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
Contributory PF, Group Medical Insurance	Contributory PF, Group Medical Insurance ESIC	Students Group medical Insurance

6.4 – Financial Management and Resource Mobilization

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

> The JIS group external academic and Admisntrative Audit team conducted the financial audits and reported to the IQAC of the institute.

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
Guru Nanak Educational Trust	6483000	Research and Developement

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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	GNIPT Academic Audit by IQAC
Administrative	Yes	JIS Administrative Audit	Yes	GNIPSt Administrative Audit

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

Proposed answer • 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. IVC Training for lab technicians- Animal House 2. LIBMAN training for librarians 3. ERP training for accounts staff and admission cell. 4. FTIR Training for lab technicians

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

1. GPAT guidance via subjectwise 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
2019	Institute framed the Research and Developement Policy	12/07/2019	01/07/2019	23/10/2019	11
2020	Finishing School Program	17/04/2020	11/08/2020	16/08/2020	58
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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
Awarness for	23/09/2019	25/09/2020	26	18

gender equity				

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

Eco club of the Institute motivates the students to keep their surroundings green and clean by undertaking plantation of trees. Promote ethos of conservation of water by minimizing the use of water. Minimize the use of plastic bags, not to throw them in public places as they choke drains and sewers, cause water logging and provide breeding ground for mosquitoes. Organize tree plantation programmes, awareness programmes such as Quiz, essay, painting competitions etc. regarding various environmental issues and educate children about re-use of waste material preparation of products out of waste.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	Nill
Rest Rooms	Yes	Nill
Physical facilities	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
2019	1	1	24/07/2019	2	Antibiotic Awarness Program in collaboration with IPGA	Awarness Antibiotic Resistance	120
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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	30/11/2020	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

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Universal Values and Ethics	20/05/2020	20/05/2020	52

No file uploaded.

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

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

- 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 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 TP cell organizes various industry visits , industrial tours and arranges industrial training for the students along with placement activities. • The mentoring system: It is developed by the college has been proved to be effective considering different parameters. The involvement of students in the academics has been increased, like class attendance, paper presentations, online test, presentation of models in exhibitions, participation in cultural activities etc. Since small number of students is allocated to each mentor, personal interaction on regular basis can be taken up efficiently. Teachers are also becoming more responsive to the learner needs day by day which is being reflected in the records maintained by the teacher. • 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 panting etc to promote the all activities under the mandatory additional requirement as prescribed by University.

Provide the weblink of the institution

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

8.Future Plans of Actions for Next Academic Year

- In the previous academic year GNIPST has introduced flipped teaching successfully. Numbers of flipped classrooms along with all required infrastructure were established and the necessary faculty development programs were conducted for faculties to enlighten them towards flipped as well as blended teaching methods instead of conventional classroom teaching technique. After establishment of blended teaching techniques successfully, the institution is now planning to upgrade the infrastructure by procurement of different instruments as well as chemicals that are frequently required for research purposes. GNIPST has planned to procure FTIR, precision electronic balance, fluorimeter, digital pH meter, incubator, mechanical stirrer, binocular microscope, microwave oven, precision melting point apparatus, tablet disintegration test apparatus, capsule counter, magnetic stirrer with hot plate, liquid filling machine, HPTLC, atomic absorption spectrophotometer, dissolution test apparatus, bio-chemistry analyzer etc. The instruments will be procured phase by phase throughout the academic

year. • The animal house of the institution will be improved. New animal cages will be procured and the CPCSEA approval will be renewed. Cell culture is a very significant part of in-vitro experimental procedure. The infrastructure of the cell culture lab will be enhanced according to the research thrust areas. GNIPST is planning to develop a drug delivery QSAR research laboratory for promoting the preclinical research facility. • Outcome based learning methodologies are to be given top most priority to strengthen the technology-based education and to cope up with the ever-shifting pedagogy of learning procedure. The institution will organize faculty development program on the topic 'modernized pedagogy for outcome-based education'. The importance of bloom taxonomy will be discussed with the faculties and matching bloom taxonomy level with the course curriculum will be implemented strictly while designing the lesson plan for each theory and practical subject. • The faculty members of GNIPST will be encouraged to be more focused in research and development activities through interdisciplinary and collaborative research. Faculties will be advised to apply for external research and consultancy projects. The institute is planning to improve the institutional publication in Scopus/web of science indexed journals as these parameters are two key indicators for research and professional practice in National institutional ranking framework. Faculties will be encouraged to increase the numbers of self-citation of their publications. Improvement of research publication through the conduction of PG and Ph. D quality research project are also planned. • The training and placement (TP) department of GNIPST is planning to place a significant number of students in different renowned pharmaceutical companies. The institute is planning to organize a grooming session for outgoing batch students on the topic 'how to face interviews' for developing their communication skills so that they may succeed in the upcoming interviews. • Examination committee of the institute is planning to improve the examination system. The institute has procured multiple CCTV for examination rooms to reduce any malpractice happening during examination. Continuous assessment throughout the year to be implemented in next course curriculum. Students will be given home assignments, regular class tests and interactive live quizzes to engage them in