



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		GURU NANAK INSTITUTE OF TECHNOLOGY
Name of the head of the Institution		Prof Dr Santanu Kumar Sen
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		913325233900
Mobile no.		9432012683
Registered Email		principal_gnit@jisgroup.org
Alternate Email		info.gnit@jisgroup.org
Address		157/F, NILGUNJ ROAD, PANIHATI
City/Town		Sodepur
State/UT		West Bengal
Pincode		700114
2. Institutional Status		

Autonomous Status (Provide date of Conformant of Autonomous Status)	29-Feb-2016
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Arun Kumar Mondal
Phone no/Alternate Phone no.	913325233900
Mobile no.	9836173365
Registered Email	iqac_gnit@jisgroup.org
Alternate Email	principal_gnit@jisgroup.org

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://gnit.ac.in/wp-content/uploads/2021/06/AQAR-GNIT-2017-18.pdf
--	---

4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website:
Weblink :

<https://gnit.ac.in/>

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	B	2.54	2019	15-Feb-2019	14-Feb-2021

6. Date of Establishment of IQAC

28-Feb-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
Academic Administrative Audit	02-Jul-2018 4	12
No Files Uploaded !!!		

8. Provide the list of Special Status conferred 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
Institution	FIST	DST	2018 3	1765000
No Files Uploaded !!!				

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 :

2

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)

Upgrading the Library Facility via professional collaborations and quality subscriptions.

Incorporation of Online Attendance, Routine, Online Courseware and up gradation of examination system, Online Answer Script Checking, etc.

Encouragement to obtain research funding, application for patents, publication in SCI, SCOPUS indexed journals.

Establishment Cyber Security and Digital Forensic Laboratory.

Expansion of Smart Classroom Facility and WiFi connectivity with high speed bandwidth.

No Files Uploaded !!!

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				
Upgrading Smart Classrooms	One Smart class room in each UG departments is fully functional.				
Implementation of WiFi	Augmentation of High Speed Internet Connectivity across the Campus				
Ensuring quality in education through Outcome Based Learning under Autonomous Structure.	Syllabus has been revamped to cater flawlessly to bridge the gap between industry and academia. The feedback from stakeholders reported improved performance of the students during the year. Increase of percentage in placement and higher studies.				
No Files Uploaded !!!					
14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th>Name of Statutory Body</th> <th>Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">BOG</td> <td style="text-align: center;">03-May-2019</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	BOG	03-May-2019
Name of Statutory Body	Meeting Date				
BOG	03-May-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	15-Feb-2019				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	HR Module The HR Department manages and supervises policies/regulations implemented by Higher Authority, which are mandatory for every employee and also have knowledge of its appropriate functioning. Monitoring attendance and tracking leaves is also a duty of the HR Department. There is a proper management of the clock Account Module The Accounts Department is responsible for the following functions: Treasury functions Retirement benefits Salary, Provident Fund Daily wage muster roll payments Supplier and contractor payments Income tax/Sale tax/Cess related Expenditure monitoring and				

Investments Interaction with Banks and other statutory bodies relating to accounts Scholarship and student payments i.e. semester fees, exam fees etc. Compilation and account preparation Admission Module The Admission Department is responsible for the following functions: Analyze the applications of prospective students based on standard admission policies. Interview students to understand their objectives and background. Provide explanations to students' queries in a professional manner. Follow-up with students for any enquiries through phone calls and emails. Inform the aspirants about the programs offered, admission procedure, eligibility and costs involved. Provide assistance to the students to complete the enrolment forms. Review all the students applications and refer the students to the Accounts Department if required. Develop innovative communication strategies and enrolment plans in coordination with senior management to attract and enroll more students. Student Attendance: Every students presence matters. Student Class Routine: Before the start of each semesters, class routines are prepared and uploaded on the online system from where daily class routines of each disciplines can be viewed batch wise. Moreover, faculties and JTAs can have their own time-table for that particular semester from the online system. Library: The library management personnel allow students to be admitted in the Library and Reading Room on production of Identity Cards. Examination System: Our institutional examination system consists of Unit Tests and Semester Examinations. Everything is monitored through online system.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	CSE		01/07/2018
BTech	ECE		01/07/2018

BTech	EE		01/07/2018
BTech	IT		01/07/2018
BTech	FT		01/07/2018
BTech	AEIE		01/07/2018
MCA	MCA		01/07/2018

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech		01/07/2018	MC 281Soft Skill Development	01/07/2018

– Academic Flexibility

– New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		

– Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech		01/07/2018

– Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
EAC	29/08/2018	40
Technical Skill Development	01/07/2018	400
Soft skill development	01/07/2018	450

– Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech		47

– Feedback System

– 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

In each semester we take feedback from all the stakeholders i.e. current students, alumni, parents and industry mentors. Based on that feedback, we design the Vision and Mission of the Institute. To achieve the aimed Vision and Mission, we design different PEOs and to accomplish those PEOs, we design PSOs. Subsequently, we design the Syllabus or upgrade the syllabus keeping in mind those PEOs and PSOs. And, the academics goes on with this syllabus for the whole semester. At the end of the semester, we take feedback from the stakeholders again and make the necessary improvement in the syllabus which is done to achieve the designed Vision and Mission. These feedback are also used to improve the teaching learning process.

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
BTech		540	901	450
MCA		60	22	12
Mtech		36	22	7

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	450	19	121	17	2

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
138	138	12	6	6	4

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

Yes, Student mentoring system is used to bridging the gap between the teachers and students This system provides a better environment in college, where students can approach teachers. Mentors provide both educational and personal guidance to the mentees. It enhances the knowledge base for both teachers and students due to effective two-way communication. Over and all this system improves the academic performance.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
469	138	1 : 20

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
10	10	0	10	2

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	Prof. Santanu kr. Sen	Principal	Professional Engineer by Institution of Engineers
2018	Nirupam Saha	Assistant Professor	Chhatra Viswakarma 1st level Award
2019	Moloy Dhar	Assistant Professor	2nd prize winner Foset 2019
2018	Dr. Sunipa Roy	Assistant Professor	Chhatra Viswakarma 1st level Award
2019	Dr. Sunipa Roy	Assistant Professor	1st prize winner Foset 2019
2019	Koushik Pal	Assistant Professor	2nd prize winner Foset 2019
2018	Pallasri Dhar	Assistant Professor	IET, UK, Prayas Award 2019
2018	Bapita Roy	Assistant Professor	Chhatra Viswakarma 1st level Award
2019	Moloy Dhar	Assistant Professor	2nd prize winner Foset 2019
2018	Arka Roy Chowdhury	Assistant Professor	Chhatra Viswakarma 2nd level Award

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
BTech	CSE, ECE, EE, IT, FT, AEIE	1st semester	21/12/2018	02/02/2019
BTech	CSE, ECE, EE, IT, FT, AEIE	2nd semester	15/06/2019	26/07/2019
BTech	CSE, ECE, EE, IT, FT, AEIE	3rd semester	21/12/2018	02/02/2019
BTech	CSE, ECE, EE, IT, FT, AEIE	4th semester	15/06/2019	26/07/2019
BTech	CSE, ECE, EE, IT, FT, AEIE	5th semester	21/12/2018	02/02/2019
BTech	CSE, ECE, EE, IT, FT, AEIE	6th semester	15/06/2019	26/07/2019
BTech	CSE, ECE, EE, IT, FT, AEIE	7th semester	21/12/2018	02/02/2019
BTech	CSE, ECE, EE, IT, FT, AEIE	8th semester	15/06/2019	26/07/2019

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	0	

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)

<http://gnit.ac.in/>

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
CSE	BTech		126	126	100
ECE	BTech		93	93	100
EE	BTech		78	78	100
AEIE	BTech		13	13	100
FT	BTech		28	28	100
IT	BTech		33	33	100
MCA	MCA		10	10	100

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)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Prof. Santanu kr. Sen	Professional Engineer by Institution of Engineers	17/05/2019	Institutions of Engineers
National	Dr. Anindita Ganguly	TARE Grant	05/11/2018	DST

3.2 – Resource Mobilization for Research

3.2.1 – 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
Major Projects	5	DST FIST	60	0.1
Major Projects	2	AICTE MODROB	17.65	14.2
Major Projects	3	DST TARE	18.3	5.5
Minor Projects	2	UGC-MRP	4.4	4
Interdisciplinary Projects	0.5	DST NIMAT	0.5	0.5
Projects sponsored by the University	0.5	JIS Group	0.05	0.05
Projects sponsored by the University	0.5	JIS Group	0.14	0.14
Projects sponsored by the University	0.5	JIS Group	0.34	0.34
Students Research Projects (Other than compulsory by the University)	0.5	AICTE Chhatra Viswakarma Award	0.1	0.1
Students Research Projects (Other than compulsory	0.5	SMART India Hackathon	0.1	0.1

by the
University)

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

0

– Innovation Ecosystem

– 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
Seminar on IPR	Institutional	09/10/2018

– 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
Food innovation	Akash Kusum Maity, Khushi Maheswari, Amit Saha	AICTE	02/11/2018	AICTE-ECI-ISTE CHHATRA VISHWAKARMA AWARDS
create a platform which brings together developers from cross geographical locations to create applications, algorithms, modules which are of national importance	Saswata Mukhopadhyay	MHRD	03/03/2019	Smart India Hackathon-2019
Programming contest at easter zone	Dhiren Lalwani Srotoswani Chandra	ACM	22/12/2018	ACM-ICPC

– 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
MHRD-IIC	Institutional Incubation Centre	MHRD, Govt of India	CYBER KNIGHT	CYBER SECURITY	15/05/2019

– Research Publications and Awards

– Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
ECE	2

AEIE	1
-------------	----------

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CSE	1	1
International	ECE	5	2
International	AEIE	1	1
International	ELECTRICAL ENGINEERING	2	1
International	ASH	3	2
International	FOOD TECHNOLOGY	3	1
International	INFORMATION TECHNOLOGY	3	1

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

Department	Number of Publication
CSE	8
ECE	10
AEIE	3
ELECTRICAL ENGINEERING	5
INFORMATION TECHNOLOGY	4
ASH	5
FOOD TECHNOLOGY	7

– Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Lateral Micro heater having Low cost Metal Alloy for Gas Sensing Applications by	Published	2017310213	21/12/2018
Solar operated microcontroller based soil flatter machine	Filed	2018310097	16/03/2018

– 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
Power	Dr. J K	IEI	2019	1	GNIT	1

tracing and mapping of dynamic behaviour of a microgrid, IE	Das et al					
Placement of phasor measurement unit for complete observability of isolated micro grid system	Suman Ghosh, Dr. J. K. Das, Prof	Microsystems Technologies, Springer	2019	1	GNIT	1
On prediction error compressive sensing image reconstruction for face recognition	Suparna Biswas, Jaya Sil and Santi P. Maity	Computers and Electrical Engineering	2018	1	GNIT	1
Biomedical watermarking	Koushik Pal, Goutam Ghosh, Mahua Bhattacharya	Advances in Industrial Engineering and Management	2018	1	GNIT	3
Interference Effects of Via Interconnect in Three Layer Printed Circuit Board	Avali Ghosh, Sisir K. Das and Annapurna Das	The Applied Computational Electromagnetic Society Journal ACES	2018	1	GNIT	2
Modeling of Via Interconnect through Pad in Printed Circuit Board	Avali Ghosh, Sisir K. Das and Annapurna Das	The Applied Computational Electromagnetic Society Journal ACES	2019	1	GNIT	1
Selective amino acid detection by green synthesized copper nan	Kaushik Roy, C.K. Ghosh and C.K. Sarkar	Microsystem Technologies	2018	1	GNIT	1

oparticles prepared using basil flower extract						
Facile synthesis of multi-layer graphene by electrochemical exfoliation using organic solvent	Sunipa Roy, Chandan K. Ghosh, Chandan K. Sarkar	Nanotechnology Review	2018	1	GNIT	2
Development of integrated microsystem for hydrogen gas detection	Sunipa Roy, Chandan K. Sarkar	IET Circuits, Devices	2018	1	GNIT	2
On BER minimizing routing and power allocation in multi-hop Cognitive radio ad-hoc networks	Surajit Basak, Poulomi Das, Pratyasha Mitra, Ankita Pal and Kaustuva Chakraborty	International journal of engineering science and computing	2019	4	GNIT	0
Spectrum-aware outage minimizing cooperative routing in cognitive radio sensor networks	Surajit Basak and Tamaghna Acharya	Wireless Networks	2018	1	GNIT	1
Development and characterization of Biocolor	Dr. Kakali Bandyopadhyay	The Pharma Innovation	2018	1	GNIT	5
A veteran vitamin in versatile role	Dr. Anju Paul	The Pharma Innovation	2018	1	GNIT	5

A relative study on Utilization of Fenugreek Seeds for enhancement of the Antioxidants activities in various baked products	Dr. Kakali Bandyopadhyay, Ms. Shairee Ganguly	International Journal of Agriculture	2019	1	GNIT	5
Analysis and Study on the Antioxidant of Citrus Fruits	Dr. Anju Paul	The Pharma Innovation	2019	1	GNIT	5

3.4.6 – 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
Segmented multimode to dual port slot couplers as compact optical sensors with improved sensitivity	Saikat Majumder, Bapita Roy, Rajib Chakraborty	Journal of Modern Optics	2019	78	0	Guru Nanak Institute of Technology
Placement of phasor measurement unit for complete observability of isolated micro grid system	Suman Ghosh, Dr. J. K. Das, Prof	Microsystems Technologies, Springer	2019	55	0	Guru Nanak Institute of Technology
Development and characterization of Biocolor	Dr. Kakali Bandyopadhyay	The Pharma Innovation	2018	5	4	Guru Nanak Institute of Technology
A relative study on Utilization	Dr. Kakali Bandyopadhyay, Ms.	International Journal of	2019	5	4	Guru Nanak Institute of

od Fenugreek Seeds for enhancemen t of the A nioxidants activities in various baked products	Shairee Ganguly	Agricultur e				Technology
---	--------------------	-----------------	--	--	--	------------

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

Number of Faculty	International	National	State	Local
Attended/Semina rs/Workshops	40	35	5	1
Presented papers	26	16	5	2
Resource persons	14	19	3	2

– Consultancy

– Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
No Data Entered/Not Applicable !!!			

– Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				

– Extension Activities

– 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
As per our initiation to bring Municipality supplied treated surface water at our college campus, the municipality personnel installed the supply water connection	NSS Unit	5	40

successfully at our college campus on 25.07.2018			
Participation in the rally	GNIT	55	550
Initiative taken to clean up the road side from Sodpur station to GNIT college in collaboration with Panihati Municipality	NSS Unit	3	75
Celebration of Diwali and distribution of sweets and fruits to all the inmates of oldage home at Sodepur namely,	NSS Unit	10	15
Donation of clothes to Ramkrishna Mission	ASHU Department, GNIT	20	450
Celebration of National Science Day	NSS Unit	20	300
Celebration of International Women	NSS Unit	50	160
Tree plantation	NSS Unit	12	20
Celebration of World Environment Day	NSS Unit	5	30

3.6.2 – 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
Sharing of research Activities	MOU	Bundelkhand university, Jhansi	35
Sharing of research Activities	MOU	Jadavpur university	75

3.6.3 – 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 activities	Number of students participated in such activities
Swachh Bharat	NSS Unit	Swachh Bharat	45	78

- Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research Project in Collaboration with CDAC, Kolkata	PG students of the Institute	GNIT	1
student exchange	UG students	AIT Bangkok	1
Research Project in Collaboration with CDAC, Kolkata	FACULTY	GNIT	1
Student exchange at JU	Student	GNIT	1
Teacher associate ship for research excellence	Faculty	SERB	3
Seminar on	student	Food Tech Club	2
Invited Speaker in the Workshop on	student	Falakata Govt. Polytechnic	1
Workshop on Awareness	Teachers and students of Local Schools of H.S Level	JIS Educational Trust	1
Laboratory Visit	3rd year under graduate students	JIS Educational Trust	1
student	student	Department of Food Technology, Bundelkhand University, Jhansi.	1

- 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
Internship	Python/PHP	Ardent Computech Pvt Ltd	01/03/2019	30/04/2019	Subham Kar
on job training on networking	on job training on networking	OYO Pvt. Ltd.	04/03/2019	10/06/2019	Sanjukta Basu, 4th year
Collaborative research	Sharing of research facilities	Jadavpur University	01/01/2018	10/06/2019	FACULTY
M.Tech Project Coll	Project Work	CDAC-KOLKATA	01/04/2019	31/12/2019	M.Tech students-2

aboration					
Internship	Database Server	3rd.life	24/01/2019	28/02/2019	Tamoghna Singha, Tiyasa Nandi Sumanta Bhattacharya Suman Dutta Suparna Hazra
Internship	Java Full stack	Capgemini Technology Services	16/01/2019	10/04/2019	Saiyam Lunia Swastik Bhattacharya Partha Pratim Roy
Internship	Java	Hindalco Belur unit	04/02/2019	28/02/2019	Partha Pratim Dey
Internship	.Net Framework	Hash Technology	11/03/2019	31/05/2019	Dipesh Basu Roy Chowdhury, Anuja Mukherjee
Internship	SQL Server	NALCO	11/03/2019	31/05/2019	Suvam Misra
Internship	Internship on Fuel and Gas, Fiber optic Instrumentation	CGCRI	01/05/2019	01/07/2019	Aishik Dutta, 3rd year Upasana Roy, 3rd year Chowdhury, 3rd year Piu Roy, 3rd year
Internship	Internship	Capgemini	02/12/2018	20/02/2019	Indranil Acharya, ,4th year
Internship	IOT	Ultratech	03/06/2018	03/09/2019	Arpan Kr. Lahiri, 4th year
Internship	Internship on data science	SZI Technologies PVT. Ltd	01/06/2018	07/12/2018	Sanjukta Basu, 4th year
on job training on networking	on job training on networking	OYO Pvt. Ltd	01/03/2019	07/06/2019	Sanjukta Basu, 4th year
Collaborative research	Sharing of research facilities	Jadavpur University	01/01/2018	06/06/2019	Faculty
M.Tech Project Collaboration	Project Work	CDAC-KOLKATA	01/04/2019	19/12/2019	M.Tech students-2
Internship	Under Graduate Student Internship	Capgemini, Kolkata	01/07/2018	01/08/2018	STUDENTS
Internship	Under	VVDN	01/07/2018	01/08/2018	2nd year FT

	Graduate Student Internship	Technologies			students
SHARING OF RESEARCH FACILITIES	SUMMER TRAINING ON MICROELECTRONICS TECHNOLOGY AND VLSI DESIGN	IC DESIGN	01/06/2019	02/07/2019	Hiya Mondal Oyontika Goswami Monojit Mondal Sayan Chowdhury Rimona Dutta Sayan Das Souvik Mondal Shriparna Deb Sayantani Dawn Sumantrana Dutta Sumana Jana Sreeparna Biswas Satyakee Das Sarangi Sarkar Rounak De Sharmistha Dey Subhodip Sarkar Sanchari
Internship	Under Graduate Student Internship	Wipro Technologies	01/03/2019	01/04/2019	Wipro Technologies
Internship	Android	Ardent Computech Pvt Ltd	01/03/2019	30/04/2019	Sayantani Mondal
Internship	Angular JS	Ardent Computech Pvt Ltd	01/03/2019	30/04/2019	Aditya Sharma

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
MSME	08/01/2018	To enhance technical skill of students as well as to provide the development of course curriculum as per current socioeconomic	30

		demand	
IC Centre, Jadavpur University, India	29/09/2018	Enhancement of technical skill of students as well as to provide the development of course curriculum as per current socioeconomic demand	45

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

– Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
306.6	335.07

– Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing

– Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Library Management system by Hash Technologies	Fully	1.0	2017

– Library Services

Library	Existing	Newly Added	Total
---------	----------	-------------	-------

Service Type						
Text Books	47420	19966711	14	5035	47434	19971746
Reference Books	4981	26427	6	3464	4987	29891
e-Books	115000	9700	115000	8500	230000	18200

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
Antara Ghosal	EM wave propagation and Antenna	web base Learning Management System	01/07/2018
Avali Banerjee	Information Theory	web base Learning Management System	01/07/2018
Sayan Roy Chaudhuri, Anurima Majumder	Basic Electronics	web base Learning Management System	01/07/2018
Ms. Shairee Ganguly	Food Process Technology	web base Learning Management System	01/07/2018
Dr. Kakali Bandyopadhyay	Food Process Technology	web base Learning Management System	01/07/2018
Dr. Anju Paul	Food Process Engineering	web base Learning Management System	01/07/2018
Ms. Shairee Ganguly	Bakery, Confectionary and Extruded Foods	web base Learning Management System	01/07/2018
Mrs. Srabani Kundu, Mrs. Pallabi Das	Distributed Operating System	web base Learning Management System	01/07/2018
Mrs. sayani chandra	Web Technology	web base Learning Management System	01/01/2019
Mr. Sourish Mitra	Computer Network	web base Learning Management Systemv	01/07/2018
Mr. Moloy Dhar	Digital Image Processing	web base Learning Management Systemv	01/07/2018
Dr. Sangeeta Bhattacharya	Cryptography and Network Security	web base Learning Management Systemv	01/01/2019
Sudeep Ghosh	Soft Computing	web based learning Management system	01/01/2019
Suparna Karmakar	Formal Language and Automata Theory	web based Learning Management System	01/01/2018
Chowdhury Md. Mizan	Software Engineering	web based Learning Management System	01/07/2018
Trishita Ghosh	Mobile Computing	web based Learning Management System	01/01/2019
Mrs. Bapita Roy	Telemetry and Remote Control	web base Learning Management Systemv	01/01/2019

Dr. Adhish Kr. Chakraborty	Optoelectronics	Web based learning Management	01/01/2019
Dr. Paramita Banerjee	Analytical Instrumentation	Web based Learning Management System	01/01/2019
Mrs. Santana Das	Non Conventional Energy Sources	Web based Learning Management System	01/01/2019
Mr. Sudip Kuila	Power Electronics	Web based Learning Management System	01/01/2019
Mrs. Suparna Maity	Process Control System	Web based learning management System	01/01/2019

- IT Infrastructure

- Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	812	17	2	1	1	1	9	50	
Added	64	2						50	
Total	876	19	2	1	1	1	9	100	0

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

100 MBPS/ GBPS

- Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

- Maintenance of Campus Infrastructure

- 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 incurred on maintenance of physical facilities
1931.74	209.63	904.3	124.65

- 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)

The physical and academic facilities including classrooms, computer laboratories and computers are made available for the students who are admitted in the college. The students seek admission to desired courses which include the practical courses as well. They charged fees as per the university guidelines at the time of admission. The installed white boards and class room furniture facilities are utilized regularly by the students but sometimes it is also made available for the government organization for the event like election, competitive exams if not in the use for the said period. The maintenance and cleaning of the class rooms are done with the efforts of the

non-teaching staff and in major cases the college goes for the maintenance contract to local experts. The institute allocates proper budget for the cleanliness of the college building. The college has lush green ground maintained by the landscaper appointed by the institution. The college has adequate number of computers and internet connections, firewall, antivirus and the utility software are installed and updated as and when required. All the stakeholders have equal opportunity to use those facilities as per the rules and the policies of the institution. The library is also well equipped with all necessarily required computers. Many computers are installed with internet in the library for the students. One computer is installed in the staff room per faculty for preparing teaching slides for their ICT enabled teaching in the class rooms. All these computers are well maintained and being repaired as and when required by the AMC party of the institute. The ICT smart class room is maintained by the supplier as it is in warranty period of the instruments. The college website has maintained and updated regularly by AMC with Hash Technologies. The maintenance of generator is regularly done with its company persons as and when required. The water tanks are being cleaned regularly at the intervals of six months as per the management contract the Tank Cleaner Company. All the fire fighting equipment are maintained regularly and upgraded as and when required by the local party.

<http://gnit.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	Freeship and Scholarship	11	608000
Financial Support from Other Sources			
a) National	Kanyasree	165	4125000
b) International	nil	0	0

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 implementation	Number of students enrolled	Agencies involved
Training on PLC	09/08/2018	90	Micro Pro, Park street, Kolkata
Industry Visit	30/03/2019	90	DVC Substation, Howrah
Technical Model Presentation	06/04/2019	36	Indian Institute of Packaging
Seminar on Corporate Readiness	30/08/2018	50	Skill academy of India
Industrial Seminar Workshop on PHP Programming	08/08/2018	40	Ogma Tech Lab
Mock Interview	25/08/2018	25	Skill academy of India

Industry Mentor Meet	04/09/2018	50	Indian School of Ethical Hacking
Seminar on Interview Skills	07/03/2019	50	Prof. Richard A. Posthuma, Professor of Management, University of Texas El Paso
Seminar on Raspberry Pi Organized	26/02/2019	26	Ogma tech Labs
Seminar on Advance Android with web services	20/02/2019	40	Web Skitters Pvt Ltd
Seminar on Machine Learning	13/02/2019	50	Ardent ComputechPvt Ltd
Industry Visit	13/01/2019	45	IOCL
Industry Visit	15/03/2019	60	VECC, Kolkata
Baseline Test and Gamification	14/01/2019	485	MyPerfectice
Soft skill and Aptitude test	16/01/2019	485	Career launcher
Technical Training	21/08/2018	485	Aritra Dhar
Workshop on Advance Process Control using PLC, DCS, SCADA	21/08/2018	16	NotionAutomation Pvt. Ltd.
Workshop on IoT based Instrumentation system	27/09/2018	31	NotionAutomation Pvt. Ltd.
Seminar on Recent Trends on Automation	18/08/2018	50	McNally Bharat Engg Co. Ltd
Industry Mentor Meet	04/08/2018	22	McNally Bharat Engineering Company Limited
Seminar on Control System	04/02/2019	80	Airports Authority of India, Coimbatore
Industry Institute Interaction	04/08/2018	78	Schneider Electric
Industry Institute Interaction	11/08/2018	70	Department of Energy Management at IISWBM
Industry Institute Interaction	12/09/2018	50	Geetanjali Solar Enterprise
Industry Institute Interaction	28/08/2018	50	Super Thermal Power Station at Andal under Damodar Valley Corporation

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 passed in the comp. exam	Number of students placed
2018	Technical skill development Program and Preparatory classes for higher studies	70	450	17	318

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
2	2	3

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
TCS, ITC infotech, Capgemini, VAP Technologies, Mind Tree IBS Software, Amazon Emphasis Genpact	375	301	CTS, Wipro, TCS	70	17

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	18	BTech	CSE, EE, AEIE, ECE, FT, IT	NIT, JU, IEST, HIT, NIFTEM, Univ of Buffalo	MTECH MBA, MS

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Every department has two active student representatives. The student representatives are elected through democratic process of election in which student cast their vote to candidates of their choice. They play important roles in many activities related to fine arts, sports and other co-curricular activities of the department and the students. Various co-curricular activities organized by the association include Seminars, Workshops, Symposium, National Level Conference etc. They also organizes cultural festivals Zyzzva, Farwell, fresher

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Association of GNIT intends to engage and stimulate GNIT alumni network. I desire to work with our alumni members towards understanding and fulfilling the interests of our alumni and ensuring intensive connectivity services and reinforcing network. I hope that we will be able to facilitate academic and professional development, support and guidance to all the students for a more enriching and successful career and life.

5.4.2 – No. of registered Alumni:

543

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

59730

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni association organized 6 Meetings and 2 Alumni Interactions and 1 Alumni Meet during this year.

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)

1. vision of the institute The decentralized governance model is manifest in each department to implement and improve the student-centric programmes and activities. The Management is participative and regular meetings are organized amongst the Management members, Principal, faculty and the students in implementing efficient plans. All departments prepare their Departmental Event Calendar at the beginning of every academic year. 2. The matters at the department level are discussed by the HOD with the faculty team in consultation with the Principal. This increase the belongingness of the faculty in the institution and this brings out the best in them. Institute organizes the get together once in a year, which increases the bonding between staff and management. Staffs are getting the open forum to express their ideas and suggestions.

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
Curriculum Development	Based on the existing curriculum feedbacks are collected from all stakeholders and are analyzed. Considering the current demands of the society and industry and the feedbacks from stakeholders curriculums are modified. The modified curriculum is presented at departmental BOS . The approved curriculum from BOS is placed to the Academic Council. Based on the feedback, the curriculum is modified and the approved curriculum by academic council is placed at BOG for final approval. After the final approval from BOG. It is displayed on the website.
Examination and Evaluation	1. Conduction of Unit Test, Surprise Test, Mock Interview and Group Discussion. 2. MAKAUT and Autonomy examination is smoothly conducted by a dedicated Central Examination Cell. 3. Script evaluation and Scrutiny done by external subject matter experts to maintain transparency. 3. Complete online marking system integrated.
Teaching and Learning	Academic calendar is prepared in advance before commencement of the semester. Different innovative teaching learning methodologies are adopted to provide best teaching learning environment. Assignments are given to the students with strict deadline for their better performance. Invited talks, seminar, workshops, quiz, debate are done regularly by industry persons and academicians to make up their curriculum Gap. Tutorial classes and Remedial classes are conducted to improve the performance of the students. Special classes for the final year students are conducted for higher studies. Faculties maintain their attendance registers, course file, and action plan.
Research and Development	1. Applied for funds from AICTE, DST and others. 2. Every faculty member is encouraged to enrol/complete Ph.D. 3. Filing of Patents heavily endorsed for students and faculty members. 4. Publication in peer reviewed journal with high impact factor. 5. Publication of Books and Book Chapters. 6. Manifold increase in publication by Faculty

	<p>members and by students in 2018-2019.</p> <p>7. Sponsorship and On-Duty for participating in National/International Conference, Seminar, Workshop and Symposium. 8. Organizing Workshops, Interactive Sessions, Industrial Visit, Webinars for students. 9. UGC Minor Projects approved. Faculties are encouraged to take up more Minor and Major projects.</p>
Library, ICT and Physical Infrastructure / Instrumentation	1. Fully automated central library with text and reference books
Human Resource Management	<p>1. Human Resources quality is strictly maintained and upgraded at all levels.</p> <p>2. Dedicated central Human Resource Management Team. 3. Online data management System in operation. 4. Transparent and industry compatible recruitment policy and upward mobility.</p> <p>5. Dedicated Team for Faculty Development and Career Counselling. 6. Dedicated Research and Development team for Career Advancement. 7. Special grooming for students. 8. Dedicated team for handling complaint or grievance. 9. Special care team for handling employee terminal benefits. 10. Ensuring prompt recruitment as and when required.</p>
Industry Interaction / Collaboration	<p>1. The industry and Academia merged with Microsoft faculty Connection, Infosys Campus Connect and collaboration ISTE, IE etc. 2. Stalwarts from Industry and Academia actively engaged in IQAC, BOS and AC. 3. Special Industry representatives assisting in Syllabi framing. 4. Customary Industrial Visit and Training for students. 5. Infosys Campus Connect Certification is already excellent. The college aims to tie up with Cisco and Microsoft for Vendor Certification Program. 6. Special Invited Talk with Industry experts and celebrities.</p>
Admission of Students	Admission of Students 1. Admission is strictly based on the admission policies of WBJEE Board through JEE

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

E-governance area	Details
Examination	Under the leadership of the Controller of Examination the Examination Cell works as an Autonomous Vertical and is responsible for smooth conduction of all the examinations. The institute has tied up with Mindlogix for managing the

	process of examinatio
Planning and Development	Usage of information and communication technologies allows to encompass all the stake holders involved in the planning and development process of the institute. Incorporation of digital media to conduct remote meetings for calibrating decisions on ex
Administration	Usage of ICT tools for improving operational processes allows the Admin Team to manage performance by incorporating strategic manpower connections within the institute thereby empowering all the stakeholders. Institutional mailer from the authorities
Finance and Accounts	The entire financial operation is maintained online and the up keeping is operated by Hash Technologies. All financial deposit and Purchase allotment is transacted online. Incorporation of modern payment platforms like Google Pay, PAYTM, BHIM, UPI fa
Student Admission and Support	Digital Chat and Voice support is facilitated to prospective national and international students. Complete assistance by Admission experts is provided to students regarding academic engagement, accommodation, hostel facilities, food habits and cross

- Faculty Empowerment Strategies

- 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	Miss Suparna Maity	Nil	IE Membership	4897
2019	Dr. Kakali Bandyopadhyay	Nil	IE Membership	4897
2019	Miss Shairee Ganguly	Nil	IE Membership	4897
2019	Dr. Suparna Biswas	Nil	IE Membership	4897
2019	Dr. Kaushik Roy	Nil	IE Membership	4897
2019	Mr. Sudeep Ghosh	Nil	IE Membership	4897
2019	Mr. Moloy Dhar	Nil	IE Membership	4897
2019	Miss. Sayani	Nil	IE Membership	4897

	Chandra			
2019	Miss. Pallabi Das	Nil	IE Membership	4897
2019	Mr. Rafiqul Islam	Nil	IE Membership	4897
2019	Miss. Mandira Banik	Nil	IE Membership	4897
2019	Miss. Ipsita Saha	Nil	IE Membership	4897
2019	Miss. Srabani Kundu	Nil	IE Membership	4897
2019	Mr. Sudip Kuila	Nil	SESI Membership	5000
2019	Prof. J. K. Das	Nil	SESI Membership	5000
2019	Ms. Suparna Karmakar	Nil	SESI Membership	5000
2019	Miss. Ipsita Saha	Nil	SESI Membership	5000

– Number of professional development / administrative training programmes organized by the Colleges 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 Development program on SCADA	Art of Living addressing the areas	24/04/2019	25/04/2019	25	15
2018	Outcome-based Teaching and NBA Criteria	nil	16/08/2018	16/08/2018	55	1
2018	FDP on Python programming and Machine Learning	nil	16/08/2018	23/08/2018	35	1

– 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 Development program on SCADA applications in Power system.	25	24/04/2019	25/04/2019	2
Outcome-based Teaching and NBA Criteria	55	16/08/2018	16/08/2018	1
FDP on Python programming and Machine Learning	35	16/08/2018	23/08/2018	8
FDP on NIRF	4	21/05/2019	21/05/2019	1
Digital Pedagogy	15	24/04/2019	24/04/2019	1
WOSA NBA Summit	15	07/09/2018	07/09/2018	1

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
10	10	4	4

– Welfare schemes for

Teaching	Non-teaching	Students
Accelerated and quick increment and promotion scheme	Accelerated quick increment and promotion scheme	Prize for achievement and outstanding performance

– Financial Management and Resource Mobilization

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

Both Internal and external statutory audits are conducted in every year.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
MANAGEMENT	4750000	SEMINAR, FEST, CULTURUL PROGRAM ETC

– Total corpus fund generated

29991917.52

– Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority

Academic	No		Yes	IQAC
Administrative	No		Yes	IQAC

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

1. Parent-Teacher conducted twice in a semester with more than 90 per cent turnout for pre and post meets analysis. 2. Guardians/parents feedback is critically analysed and adaptive or correctional measures incorporated. 3. Mentorship scheme ensure

– Development programmes for support staff (at least three)

1. Kriti Award acknowledges staff accomplishments/achievements. 2. Facilities are provided for skill up-gradation with training program. 3. Recognitions are given in Bharati Devi Excellence Award.

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

1. All departments are autonomous and function independently. As per the instructions of Institute, all the departments submit Event calendar, Monthly Review Report, Semester Wise Reports, Academic Performance Reports which are reviewed to ensure acc

– 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

– 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	ACADEMIC ADMINISTRATIVE AUDIT	02/07/2018	02/07/2018	05/07/2018	12

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

– Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
BTech	08/03/2019	08/03/2019	135	75

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

Percentage of power requirement of the University met by the renewable energy sources

2 percentage of total power requirement of the Institute met by the renewable energy sources

– Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
-----------------	--------	-------------------------

Physical facilities	Yes	5
Provision for lift	Yes	5
Ramp/Rails	Yes	1
Rest Rooms	Yes	5
Scribes for examination	Yes	1
Special skill development for differently abled students	Yes	3

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	05/06/2019	1	Say No to Plastic	To promote eco-friendly development in order to save the environment for better future the Principal, GNIT and other staff members in association with NSS Unit conducted a sensitization campaign towards a non biodegradable products such as plastics	135
2018	1	1	16/08/2018	1	Walk for the Environment	Participation in the rally Walk for the Envir	500

2018	1	1	27/07/2018	1	Clean and healthy environment	Initiative taken to clean up the road side from Sodpur station to GNIT college in collaboration with Panihati Municipality	75
------	---	---	------------	---	-------------------------------	--	----

– Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

– Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Seminar on Blissful Life Skills	01/08/2018	01/08/2018	180

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

1. GNIT Campus is now Green Zone. Plastic,Smoking Free.
2. The Campus is verdant with 240 species of plants and flowers. The NSS Team regularly add on and we are trying to collaborate with organizations for catering to the surrounding environment.
3. Strict protocol adherence to Ministry of Environment and Forests in dealing with E Waste.
4. Solar Energy usage in key locations across the campus.
5. LED lights installed to save electricity. A dedicate save energy team looks after and prevents wastage. Air conditioners remain switched off during winter for almost 3 months.
6. Water Level Detectors installed to prevent spill over. A dedicated save water team monitors and prevents wastage.
7. Central facilities are maintained with utmost care.
8. Swachh Bharat Abhiyaan, Anti plastic campaign, GNIT campus cleaning are some of the key initiatives of the NSS Team in collaboration with IQAC Team

– Best Practices

– Describe at least two institutional best practices

1. We have adopted the project based learning methodology and modified the curriculum accordingly which are effective from 1st July 2018. 2. All staffs and students are awarded for their outstanding performance and achievements by
--

KRITI Award.

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

<http://gnit.ac.in/>

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

Guru Nanak Institute of Technology, by virtue of its cutting edge outcome based education, offering an uniqueness in teaching-learning process. All-round development of students with top class ambience, are prevailing everywhere which makes it distinct to achieve its vision and mission. An unique amalgamation of valued traditions with modern outlook is the guiding principle behind the development of academic environment of the Institute. Project based learning has been introduced in the regular curriculum. Besides the required curricular activities, students are exposed to a number of other activities like gamification, interactive seminars, career launcher etc. all are premeditated to bring about qualitative growth of the students. Through such programs, students are constantly updated and encouraged to develop their leadership qualities and improve their communication skills. There is a constant endeavour on the part of the members of faculty and staff of the Institute to help students in this grooming process. Teachers adopt a continuous evaluation system through the interaction and assessment of the students. Prevalent regulations are already flowing on, with that a regular upgradation is the key feature of GuruNanak Institute of Technology. Course teachers also adopt a continuous evaluation system independently to track and record the overall growth of students.

Provide the weblink of the institution

<http://gnit.ac.in/>

8.Future Plans of Actions for Next Academic Year

To secure national and international Rankings such as THE, QS STAR, NIRF etc. To place our students in Semester Exchange Programme in top corporate houses. To increase the awareness about the entrepreneur and motivate our students towards startup apart from the placement. Motivate more students to work on top governmental and NGO projects which is fully sponsored. Initiation should be taken to make our campus make the campus ecofriendly Enhance the functioning of the Grievance Redressal Committee, Disciple Committee, AntiRagging Committee. Organizing International/National Conferences, seminar, short term training program etc. To enhance Research and Development activities in various state of the art domains and to increase the quality publications in referred Journals. To promote the consultancy activities. To enhance the organization and participation of National and International faculty development programs .