



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	GURU NANAK INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Dr. Sanjeev Shrivastava
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	07118-661402
Mobile no.	9765569233
Registered Email	gnietnagpur@gmail.com
Alternate Email	gni.nagpur@gmail.com
Address	Khasra No. 95, Mouza Dahegaon, Kalmeshwar Road, Nagpur-441501
City/Town	Nagpur
State/UT	Maharashtra
Pincode	441501

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Mr. Kishor Wagh
Phone no/Alternate Phone no.	07118661402
Mobile no.	9850819410
Registered Email	headiqac@gniet.ac.in
Alternate Email	kishor_25may@rediffmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://gniet.ac.in/IOACData/AOAR.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://gniet.ac.in/wp-content/uploads/2020/08/Academic calender 2019-20.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.46	2019	03-Mar-2019	03-Mar-2024

6. Date of Establishment of IQAC	07-Sep-2013
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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
GNI Teacher Training	27-Dec-2019	48

Programme	05	
Session on IIMS	28-Sep-2019 01	20
Workshop on MOODLE	24-Aug-2019 01	26
FDP on open source tool	27-Jul-2019 01	34
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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
NIL	NIL	NIL	2020 0	0
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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 :

3

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)

1. Monitor and ensure the quality of student's activities, departmental and staff member activities for timely, competent and progressive performance of academic duty. 2. Conduct and attend seminars/workshop/training etc to promote quality, research development. 3. Conduction of various awareness programmes and outreach activity addressing social issues. 4. Organised FDP/training/session for faculty members. 5. Collected feedback from various stake holder and analyzed.

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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	Achievements/Outcomes
To impart quality education	Quality of Assignments and Teaching Aids tools are enhanced. Provision of additional Infrastructural facilities. Enhanced learning environment. Semester wise Academic Data from HODs is collected and analyzed. Feedback is taken from
To Send SMS alert to the parents about progress of their wards.	(i) Alerts of attendance and performance are sent to the parents by SMS (ii) Communications with parents is done through SMS and by phone.
Monthly Syllabus Review	Syllabus completion in stipulated time.
Energize the activities of all the clubs and forums in the college.	All the clubs are conducting events periodically
Initiate social responsibility activity	Programme conducted by NSS
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14. Whether AQAR was placed before statutory body ?	No
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	21-Jan-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	Management information system is a sophisticated, integrated and technology driven management processes. It is an integrated system to manage the institute information related to students, faculties and various college activities. Therefore in our college IIMS simplifies the task assignment work, planning and evaluating the task assigned to the faculties, HOD and administrative staff. Through this system, one can easily familiarize with

all of the features and functionality of Institute .In features of IIMS system refines the institution's management and work culture. It reduces the manual and paper work of the institution and streamlines the regular academic and official work smoothly. The system provides a wide platform for the college management, staff and faculties for managing and organising the work . Academic E working IIMS simplifies the regular academic work of staff, faculties and college management. Following working has been defined in the system. i. Adding departmental and institutional circular, notices and report. ii. Allocating work, role and responsibilities to the students, staff and faculties. iii. Task Management System simplifies the task assigning work for the HODs and higher authority. It also keeps the track of the status of the work and evaluation of submitted work can be done by grading the work. iv. ENotesheet options enables a department to initiate a notesheet, track the status of the notesheet and helps management to smoothly process it. v. Remark and comments can be updated regarding a student, staff and faculty by any user. This helps to keep a record of activities, contributions and work of all students, staff and faculties. vi. College faculties, staff and students can give their feedback, suggestions or report any grievance to higher authority. vii. Managing all the information, documents and certificates of all the staff, faculties and students of the institution.

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

The College is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University and follows the curriculum prescribed by the university. The institute follows the academic calendar provided by RTMNU, Nagpur and imparts quality education depending upon the resource potentiality of the institution. Faculty orientation is conducted in respect of teaching methodology, subject details and syllabus. On commencement of the session, student induction program is conducted for the new joined students. The program creates the bond between the students, college and faculty's. Throughout the session students go through a

mentoring and counselling process under the Teacher Guardian Scheme. The institution has also developed a structured and effective implementation of the curriculum. Following are the various means through which it executes the curriculum. Lesson Plan: The lesson plan includes course outcomes, course objectives, content topics, reference books. The expected course outcomes are achieved through the efforts taken by the faculty with deep study of the subject at the beginning of each semester. The lesson plan provides an insight on how the course is delivered in a semester. Course File Contents: 1. Course Syllabus. 2. Individual Time Table. 3. Teaching Plan. 4. University Question Papers and model solution. 5. Question Bank Theory. 6. Students Attendance Record. 7. Unit Test I/II/Prelim: Question Paper, Attendance Record, Result, and Sample Answer Sheets. 8. Assignments 9. Notes (Hard/Soft Copies) Effective implementation of curriculum is periodically reviewed through departmental meetings. Based on the curriculum various assessment examinations like unit tests, mock online and written exams are regularly conducted as per the academic calendar. Proper evaluation review of the results is carried out by the respective faculty and the HoD's. Progress of the students is regularly informed to their parents through direct communication. The parents are invited to meet the HOD, faculty and class In-charge to have an on the spot assessment of the students. Smart classrooms are provided to implement the curriculum effectively..The communication skills of the students are built through aptitude session, critical thinking, group discussions and interviews to maximize placement.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Introduction to Core JAVA	-	02/12/2019	40	YES	YES
Digital VLSI chip Design	-	14/10/2019	30	YES	YES
Workshop On Industrial Automation	Nil	21/09/2019	36	YES	YES
Application of MATLAB in Electrical	Nil	20/05/2020	38	YES	YES
Certificate Course in Accounting	Nil	03/06/2019	36	YES	YES

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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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
BE	Computer Science and Engineering	17/06/2019
BE	Electrical Engineering	17/06/2019
BE	Electronics and Telecommunication Engineering	17/06/2019
Mtech	Computer Science and Engineering	26/08/2019
Mtech	Power Electronics and Power System	26/08/2019
MBA	Marketing Management, Financial Management, Human Resource Management, Operations Management	26/08/2019

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

	Certificate	Diploma Course
Number of Students	549	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
Personality Development -I	03/05/2020	32
Personality Development -II	03/05/2020	43
Personality Development -III	03/05/2020	49
Basic English	03/12/2019	51
English Proficiency	03/12/2019	47
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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
BE	Computer Science and Engineering	18
BE	Electronics and Telecommunication Engineering	9
BE	Electrical Engineering	32
MBA	Master of Business Administration	18
View File		

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)

<p>Feedback Obtained</p> <p>The institution collects the feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, Faculty and Employers. Institution established Academic Council in order to ensure and analyze the academic excellence at student and faculty levels. Periodical analysis is made by Academic Council from the following: student performance, faculty performance in every semester, utilization of infrastructure and requirements for quality enrichment. The college maintains an IQAC as a quality consistence and quality enhancement measure. In supervision of IQAC, various departments and committees like Career Guidance, Anti-Ragging and Sexual Harassment Committee, etc reinforce the curriculum by incorporating updated information and diurnal social issues. Institute collects the feedback physically from stockholders viz. Students, Parents and Teachers on Curriculum which is prescribed by the university, The college conducts annual Alumni Meet, in which suggestions and feedback is received from Alumni students. The provided feedback data is presented to the Academic Council Meeting for necessary implementation in curriculum. • Alumni surveys are conducted during alumni interaction at the alumni association meeting held every year • Whenever any alumni visits the college, feedback is taken</p>

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
MBA	MBA	60	60	57
Mtech	EE	24	15	15
Mtech	CSE	24	7	7
BE	CSE	60	65	61
BE	ETC	120	Nill	Nill
BE	EE	120	11	8

[View File](#)

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	525	131	77	16	93
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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	Number of smart classrooms	E-resources and techniques used
93	93	33	30	3	15
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 adopted in the Institution. The Main aim of the counselling cell, functions as a part of Student Support Services (SSS) for student retention. This enables bridging gap between the Teachers and Students. It is happening in monthly twice (15 days once) and submitted report through class teacher of each semester to mentor coordinator. The cell nurtures the students through the different activities and allows the students to cross the hurdles in the academic year thereby marching smoothly towards success. Apart from this it helps the students to overcome class, social, and cultural barriers to complete their college education. Motivate students to attend holistic activities like placement, internship and technical symposium in inter-intra College in Maharashtra. The weaker students once identified they need academic counselling thus for improving their performance. • Nurturing through the remedial teaching program. • Providing guidance/suggestions for the slow learners. • Proper Guidance to students for financial aids from Bank. • Develop the survival skills and personal attributes for future upliftment

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
656	93	1:7

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
120	93	25	Nil	5

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	Dr. Jaspal Gidwani	Assistant Professor	Young Researcher Award
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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

BE	Computer Science and Engineering	III/2	19/10/2019	31/12/2019
BE	Computer Science and Engineering	V/3	19/10/2019	31/12/2019
BE	Computer Science and Engineering	VII/4	19/10/2019	31/12/2019
BE	Electrical Engineering Electrical Engineering	III/2	19/10/2019	31/12/2019
BE	Electrical Engineering	V/3	19/10/2019	31/12/2019
BE	Electrical Engineering	VII/4	19/10/2019	31/12/2019
BE	Electronics and Telecommunication Engineering	III/2	19/10/2019	31/12/2019
BE	Electronics and Telecommunication Engineering	V/3	19/10/2019	31/12/2019
BE	Electronics and Telecommunication Engineering	VII/4	19/10/2019	31/12/2019
BE	First Year	I/1	19/10/2019	10/01/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Guru Nanak Institute of Engineering and Technology, Nagpur has adopted all the reforms introduced by the RTM Nagpur University. As per the University rules and regulations end-semester examinations and valuations are conducted. To develop students technical skills through technical symposium. It has included in the course of study, skill oriented programs like evaluating assignments, quizzes, internship, investigative projects, applied aspects of the theory, industrial training and seminar for continuous Internal assessment. Theory internal assessment marks is calculated by average marks scored in internal assessment tests along with attendance, assignments and bonus marks for student's participation/ performance in co curricular extracurricular activities beyond class room activities. Internal Practical Examination is conducted at the semester end and the internal assessment marks is calculated on the basis of attendance, performance in laboratories, regular checking of practical records and viva vice are included for calculation of marks.

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

As per University calendar of events Academic Calendar of college/department is prepared in order to fulfil the overall student empowerment. The academic calendar is prepared before commencements of the sessions every year by the

Institute within the framework of a schedule set by the affiliating R.T.M.N.University. The college academic calendar consists of display of time table, commencement date and last working date of teaching, Teaching period, dates for conduction of the internal assessment tests, dates for assignment display and submission, Internal Assessment Expert Talk from Industries, Industrial Visit, Short Term Programme/workshop, Project Exhibitions, Sports Cultural Activities, Parent Teacher Meet, and National Day Celebration.

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://gniet.ac.in/igac/>

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
413459210	Mtech	Power Electronics and power System	13	13	100
413424210	Mtech	Computer Science and Engineering	9	9	100
413410110	MBA	Master of Business Administration	28	28	100
413429311	BE	Electrical Engineering	60	60	100
413437211	BE	Electronics and Telecommunication Engineering	24	24	100
413424211	BE	Computer Science and Engineering	45	45	100

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2.7 – Student Satisfaction Survey

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

<https://gniet.ac.in/naaclinks/data2/2.7/2.7.xlsx>

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
Minor	60	Payal super	0.42	0.42

Projects

market, Nagpur.

[View File](#)**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
Seminar on Industrial Automation	Department of Electrical Engineering	18/07/2019
Seminar on Industrial Automation	Department of Electrical Engineering	08/08/2019
Seminar on Today's Hiring Trends and Its Certification	Department of Electronics and Telecommunication Engineering	18/02/2020
Webinar on Being Employable has become a Necessity	Department of Management studies	22/05/2020
Seminar on "How to prepare for IES and Government Jobs"	Department of Electrical Engineering	16/07/2019
Seminar on "Software Testing "	Department Of Computer Science And Engineering	19/09/2019
Workshop on "Designing Of House Wiring, Staircase Godown Wiring"	Department of Electrical Engineering	09/01/2020
Webinar on "Chalo Aatmnirabhar Bane"	Department of Computer Science and Engineering	21/05/2020
Webinar on "career opportunity"	Department of Computer Science and Engineering	26/05/2020
Webinar on "Research in Cyber Security Forensic"	Department of Computer Science and Engineering	28/05/2020

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
Raman Festival of Innovation	Mr. Shrikant Gosavi	Raman Science Centre Planetarium	15/02/2020	Innovative Project Competition

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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
1	GNIET Incubation Centre	GNI Management	Royal Smart Future(OPC) Pvt. Ltd.	Tours and Travel	01/08/2019

[View File](#)**3.3 – Research Publications and Awards**

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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	Nil

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	Electronics Telecommunication	5	6.09
International	Management Studies	3	6.01
International	Electrical Engineering	1	5.32
International	First year of Engineering	1	5.75
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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
Electronics and Telecommunication Engineering	1
Electrical Engineering	4
Management Studies	2
View File	

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
NIL	Nil	Nil	Nil	Nil	Nil	Nil
View File						

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
NIL	Nil	Nil	Nil	Nil	Nil	Nil
View File						

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

Number of Faculty	International	National	State	Local

Attended/Seminars/Workshops	5	18	3	2
Presented papers	2	6	Nil	Nil
View File				

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
Mahatma Gandhi Jayanti Celebration	NSS	4	123
old Age Home Visit- Matoshree Vrudhashram	NSS	4	51
Independence Day Celebration	NSS	6	165
World No Tobacco Day	NSS	8	162
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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	Nil
View File			

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 activities	Number of students participated in such activities
Student Development	Rotract Club	Aabhar Event (Thanks Giving)	4	52
Student Development	Rotract Club	Friendship Day celebration with orphaned Students	4	44
Save Environment	Rotract Club	Nirmalya - Prevent Water Pollution	6	118
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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
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0	0	0	0
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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
Internship	Vocational Training	Panchbhai Industries,, Nagpur	20/06/2019	23/08/2019	02
Internship	Vocational Training	Western Coalfields Limited , Nagpur	20/06/2019	20/08/2019	01
Internship	Vocational Training	Bharat Heavy Electricals Limited , Nagpur	26/04/2019	07/06/2019	01
Internship	Vocational Training	Pawan Enterprise, Nagpur	01/05/2019	31/07/2019	01
Internship	Vocational Training	Ajni Loco Shed ,Nagpur	10/06/2019	15/06/2019	01
Internship	Vocational Training	Ajni Loco Shed ,Nagpur	08/07/2019	13/07/2019	03
Internship	Vocational Training	SSIT Pvt.Ltd	11/06/2019	25/07/2019	01
Internship	Vocational Training	Bharat Sanchar Nigam Limited, Nagpur	13/05/2019	24/05/2019	01
Internship	Vocational Training	Code Ninjas, Nagpur	13/05/2019	15/06/2019	01
Internship	Vocational Training	Technovision Technologies , Nagpur	15/05/2019	14/07/2019	02

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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
Syslogyx Technologies Pvt.	01/06/2019	Industrial Visit, Internship Program,	77

Ltd.		Research Development Project, Internship/Field projects to students ,Guest Lectures and workshops on new technologies from Industry resource Persons.	
Prolific System Technologies Pvt. Ltd. Nagpur	10/01/2020	Industrial Visit, Internship Program, Research Development Project	54
J.P. Electrical Training Center, Nagpur	17/07/2019	Automation Sensors, Electrical Control Panel, Electric Heaters, Electrical Components, Electrical Sensor, Electrical Drivers, Electrical Cables, Electrical Wires, PLC Control Automation Service, Rectifiers Service and Electric Equipment Repair Servi	69
View File			

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
15	12.29

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Others	Newly Added

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	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
SynchRonik	Fully	5.0	2007

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	22446	7197211	1445	696681	23891	7893892
Reference Books	873	298948	Nil	Nil	873	298948
e-Books	874	Nil	49	Nil	923	Nil
Journals	230	336379	Nil	Nil	230	336379
e-Journals	452	13570	27	Nil	479	13570
Digital Database	2243	13570	Nil	Nil	2243	13570
CD & Video	899	Nil	Nil	Nil	899	Nil
Library Automation	1	50000	Nil	Nil	1	50000
Weeding (hard & soft)	220	68228	Nil	Nil	220	68228
Others(s pecify)	7	13570	Nil	Nil	7	13570
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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
Nil	Nil	Nil	Nil
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt	Others
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								h (MBPS/ GBPS)	
Existing	402	12	82	1	1	39	25	82	0
Added	0	0	0	0	0	0	0	0	0
Total	402	12	82	1	1	39	25	82	0

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

82 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
E -resources	https://117.211.126.103/eresources
Moodle	https://117.211.126.103/moodle

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 incurred on maintenance of physical facilities
15	4.68	6.12	4.8

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)

The GNIET college management has established systems and procedures for the maintenance of physical, academic and support facilities of the campus to support teaching Learning. Housekeeping Staff, Gardening Staff, Lab staff, Class IV staff, Building Supervisors, Transport Supervisors, Guards and Security Supervisors, Civil and Electric work staff and supervisors, Assistant Admin and Admin Officer are appointed for smooth working and maintenance of physical, academic and support facilities. Role, responsibilities and procedures are well defined and documented. Various committees are formed to monitor and take proactive measures related to the working and maintenance of physical, academic and support facilities. In case of any requirement of the facility, the concerned department issued is requirement application to the management. The management evaluates and approves the requirement on the necessity and funds available. Physical facilities are maintained by the admin officer and supporting staff. Record of all the physical facilities like furniture, boards, equipment, garden etc. is maintained in the records. The college stakeholders ensure that the physical facilities have an optimum utilisation. In the annual budget funds are allocated for the maintenance work of the physical infrastructure. It includes repairing, electric fitting, water pipelines and drainage repairing etc. CCTV facility is available in the premises and maintained by the technicians. Academic facilities of the institute are maintained by the HODs and the Principal. College offers varied platforms to cater academic facilities like Institute LMS-Moodle, Institute ERP-IIMS, College Portal, NPTEL videos, MOOC, Delnet and Infilabs, maintained by e-learning cell. Computing cell maintains computer hardware, software and networking issues. Laboratories: The laboratories are furnished according to the statutory rules. Lab in-charges maintain the equipment, machines and Regular cleaning of the machines is done by the support team in the presence of

lab technicians. Before the commencement of the academic year, a lab audit is conducted and a report on the requirement of new equipment, replacement of the old equipment and modernization of machines/software is prepared along with requirement of consumables, non-consumables as per the university guidelines to conduct experiments. Records of all the equipment, machines etc. are maintained in stock register. Regular maintenance and servicing of machine and equipment is done and monitored by the HODs of the department. Classrooms: The maintenance of classrooms is a regular exercise. Classroom cleanliness and maintenance of the classroom equipment is done by the house keeping staff. Classroom organisation and ambiance is done by the respective class teacher and class coordinator through admin officer. The fans and electrical appliances are checked wherever requirements are found the purchase committee are appraised of the requirements. Library: For maintenances of library infra-structure and facilities the library committee and administration have been given the responsibility to purchase, procure books, manuscripts and other materials, as per the recommendations received from the departments of the colleges. The departments of the colleges have a good stock of texts and references in their departmental libraries. For enriching of the library, the committee procures some good publications from national and international publishers. The library has supporting staff, library assistant and librarian who are responsible

<https://gniet.ac.in/naaclinks/data4/4.4.2.pdf>

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	Late Sardani Tejinder Kaur Tuli Memorable Charitable Trust	357	11657195
Financial Support from Other Sources			
a) National	State and Central Government Scholarship for reserve category students	537	28145579
b) International	NIL	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yoga Meditation	21/06/2019	72	Body Power, Yoga Centre
Bridge COurse	05/08/2019	59	GNIET Faculties
Remedial Class	20/09/2019	152	GNIET Faculties
Language Lab	07/10/2019	71	GNIET Faculties
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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 passed in the comp. exam	Number of students placed
2019	Campus Recruitment Training	Nil	69	Nil	Nil
View File					

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
3	3	4

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
Vowel Web LLP, 777 Trades Research Services, IIHT Ltd. , Ventura Securities Ltd. , CMS IT Services Ltd. , Focus Academy for Career Enhancement (FACE), Extra marks Pvt. Ltd, Mumbai, ConneQt	16	1	Cognizant, Amazon Ltd.	5	1
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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	4	BE CSE	GNIET	GNIET	M Tech (CSE)
2019	3	BE Electrical	GNIET	GNIET	M Tech (PEPS)

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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
NET	Nil
SET	Nil
SLET	Nil
GATE	Nil
GMAT	Nil
CAT	Nil
GRE	Nil
TOFEL	Nil
Civil Services	Nil
Any Other	Nil

[View File](#)

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Shivaji Jayanti	Institute Level	198
Kite Festival	Institute Level	207
Ganesh Festival	Institute Level	304
Dahi Handi	Institute Level	506

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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	Nil	Nil	Nil	Nil	Nil	Nil

[View File](#)

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

The presence of an active students council pr presentation of students on academic administrative bodies to organizes various activities and programs through the year. The purpose of the student council is to serve the co-curricular, cultural, social, recreational and educational interest of students. The work as student council member contributes in development of students leadership skills, give experience for program planning and development, volunteering and fiscal management. As a student council member, student get a chance to take part in NSS, Cultural activities, sports, social activities etc,. It helps to take part in University - Student Council Election. Cultural events committee :- The committee encourages and brings out the talents of students by organizing various co-curricular festival cultural events like Annual Festival, Dahi- Handi, Garba- Navratri Uttasav, Kite

festival, Ganesh Poojan etc. Anti- Ragging Committee : The students of the committee monitors and maintain a ragging free environment in campus. NSS :- The student representatives motivate to students to take part in different service programs through NSS like cleanliness drive, blood donation camp, tree plantation, help camps to help aged persons. Etc. Technical Events Committee :- This committee work to promotes latest technology and organizes technical events and seminars on departmental level, college level as well inter-college level. Grievance and Redressal Committee : To maintain a secure and harmonious environment for academics this committee forwarded the issues of the students to the college committee, management. Sports Committee: Students of the committee promotes sports activities and also organizes inter department sports events and make help in university sports events.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

84

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

One Alumni Association meeting per year Executive body meetings - One per year Alumni Association organizing guest lecture for students, helping for organizing industrial visits, helping of placement of students. Career Guidance to students, Expert Talks. One Alumni Association meeting per year Executive body meetings - One per year Alumni Association organizing guest lecture for students, helping for organizing industrial visits, helping of placement of students. Career Guidance to students, Expert Talks.

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. Principal Level Principal is the member secretary of the governing body and chairperson of the IQAC. The Principal in consultation with the Teachers of different committees for planning and implementation of different academic, student administration and related policies. All academic and operational policies are based on the unanimous decision of the governing body, the IQAC and the teachers of the college. ? Internal Quality Assurance Cell (IQAC) ? Library Management Committee ? NSS Committee , Extension Activities Students Welfare Committee ? Annual Prize Distribution Committee ? Publicity Public Relation Establishment Committee ? Prospectus Committee ? U.G.C. Affairs Committee ? Website Development committee ? College Annual Magazine Committee ? Environment Awareness ,Green Audit and Garden committee ? Alumni Association Monitoring Committee ? Students Grievance Redressal Committee ? Purchasing and Building Maintenance Committee ? College Students Monitoring Committee ? Sports Committee ? Educational Tours, Result Analysis, Students Seminar and project committee government body for the session 2018-19. Following committees are constituted in accordance to government guidelines: ? Time Table Committee ? Admission Committee ? Research Monitoring Committee ? Sexual Harassment Prevention Women’s Grievance Redresseal Committee ? College API committee ?

Anti-Ragging Committee ? Cultural Events Committee ? Fund Generation Committee

2. Faculty level Faculty members are given representation in various committees/cells nominated by the principal and the Governing body, in the IQAC and other committees. Every year, the composition of different committees is changed to ensure a uniform exposure of duties for academic and professional development of faculty members. Following are the different sub-committees which have been nominated by Principal and ? Placement and career counselling cell ? Discipline Maintenance committee ? Event Management committee ? College Infrastructure Cleanliness, Girls Common Room ,Water Supply maintenance cell (Formerly Staff Room Cell) ? SC/ST Equal Opportunity Committee ? Class Room Mentors ? Disaster Management Committee ? Wall paper Committee ? Teacher-Parent Meet Committee ? Examination (University College Level)Committee ? Health Centre Committee

3. Students Level:- For the development of students, various cells and clubs are established at college level. Students are empowered to play important role in different activities. Functioning of different roles and responsibilities at various clubs and committees for further reinforces decentralization ? Cultural Secretary ? Boys common room secretary ? Girls common room secretary ? Students welfare and social services secretary ? Canteen maintenance secretary ? Departmental association responsibilities ? Computer centre maintenance responsibilities ? Anti ragging Committee members responsibilities ? English Club

4. Non Teaching Staff Level:- Non teaching staffs also represents in the governing body and the IQAC. Suggestion of non-teaching staff are considered while framing policies or taking important decisions.

5. Participative Management:- ? The institution promotes the culture of participative management at the strategic level, functional level and operational level. ? Strategic level:- The Principal, governing body, Teachers and the IQAC are involved in defining policies procedures, framing guidelines and rules regulations pertaining to admission, examination, code of conduct-discipline, grievance, support services, finance etc.

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
Admission of Students	The Institution follows the norms of the University of the nagpur for admitting the students in various UG/PG Financial help, flexibility in payment of fees in easy installment is allowed for the needy students. The UG students of the institution are entitled to avail discount in fees for pursuing PG programmes in the same institution.
Industry Interaction / Collaboration	The Institution has signed MOUs with corporate bodies,1 NGOs and obtained Institutional Membership from corporate bodies and libraries. The Institution is collaborated with some companies for placement and intern ship programmes .
Human Resource Management	The Management motivates the teaching staff for attending workshops/International, National andState level conferences. Financial

incentives are given to the organizers of the conferences to motivate them to organize more research based programmes with competitive spirit and Cash Awards are given for the Best Paper presenters. Faculties were appraised and motivated for further enrichment with research aptitude. Non-teaching staff are motivated to pursue their higher education in distance mode.

Library, ICT and Physical Infrastructure / Instrumentation

The College library is fully automated with AUTOLIB software system. The college has taken effort to digitalize its library. There are 10 computers available for the students and teachers to access the electronic resources. The library has internet and wifi connection for the benefit of staff and students. The Librarian goes through the Newspapers and collect relevant news items related to education and employment opportunity, socio cultural issues, current issues and displays them on the notice board. They also document them systematically. The Librarian take efforts all the question paper of the University of Examination of previous year and compile them orderly for the easy access by the staff and students. The Library has institutional membership with British Council Library, American Library, University of Madras Library and NDLI membership is an additional credential to the college

Research and Development

Research and development activities are centralized under the Headship of Research Advisor. The staff members are motivated to publish research articles in UGC Approved Peer Reviewed Journals and the institution has In house Multi Disciplinary Research Journal in which the members of the staff are encouraged to publicize their research articles.

Examination and Evaluation

The Institution has a centralized CIE system, which conducts two cycle test and one model examination per semester for 75 marks. Each test mark is scaled down to 10 marks. The best of the three test marks is chosen as the CIA marks secured by the students for each subjects. Periodical assignment and seminar by students are being taken to assess the performance for five marks for each. A minimum of 75 percentage of attendance is required to appear in the University Examination. Maximum of 5

	marks are awarded for 100 percent attendance and minimum of 3 marks are awarded for 75 percentage of attendance.
Teaching and Learning	The IQAC ensures quality in Teaching and learning by offering Inter disciplinary certificate courses, ADD ON Certificate Courses twice in a year, NPTEL online courses, Bridge courses and skill development classes for Personality Enrichment along with regular curriculum of University of Madras. Remedial classes are arranged to improve the academic performance of slow learners, whereas High achievers are motivated by assigning mini project, seminars, question bank and allowed to access Digital Library for referring E books which enable them to secure University Ranks. The average students are taken care by extra coaching classes after the college hours
Curriculum Development	The IQAC ensure quality in curriculum development through FDP on Teaching pedagogy and personal effectiveness, semester wise, Workshop on Quality Enhancement in Higher Education, Leadership skill like Out Of Box Thinking, Internal Academic Audit, Effective Feedback System, Regular Faculty Meeting on Academic issues, Annual Advisory Committee Meeting and IQAC Meeting with Industrial and Academic Experts.

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

E-governance area	Details
Planning and Development	GNIET actively uses online source of operations. In academics, online system used for classes, assignment and announcements. In Placement, PB Works and High rise are used as two sources of controlling and updating the campus placement activities. For salary and leave, Paybooks are used to prepare salary and upload salary slips. It keeps the track of all personnel details of employees. Institute has its own LAN connection to communicate it with internal stakeholders. Institute maintains its website www.gniet.ac.in to communicate its philosophy and updates to external stakeholders.
Administration	Simple moral accountable responsive and transparent governance is applied

	in administration with ITC enabled services.
Finance and Accounts	The Institute has already taken various steps for implementation of E-Governance in Finance Accounts:- -On line fee collection from students. Deposit of fee by cash is prohibited. -On line salary payment. -On line leaves approvals. -On line approvals -On line collection of dues from students other than fees. -On line payslips and leave records of staff.
Student Admission and Support	Right from the sale of application, registration, screening, preparation of list as per communal quota and merit are all done through ICT enabled services.
Examination	The College has the separate Examination committee with well-equipped ITC Tools, Separate Desktop with Internet Facility for online procedures.

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
2020	Dr. Jaspal Gidwani	Workshop on Design attainment of Course Outcome: An Excellence towards Teaching Learning Process.	GNI, Nagpur.	2000
2019	Dr. Jaspal Gidwani	International Conference on Latest Advancements Future Trends in Science, Engineering Management.	GNI, Nagpur.	3000
2020	Mr. Kishor wagh	Workshop on Design attainment of Course Outcome: An Excellence towards Teaching Learning	GNI, Nagpur.	2000

Process.

[View File](#)

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	FDP on open source tools	NIL	27/07/2019	27/07/2019	34	Nil
Nil	Workshop on MOODLE	NIL	24/08/2019	24/08/2019	26	Nil
Nil	Session on IIMS	NIL	28/09/2019	28/09/2019	20	Nil
Nil	GNI Teacher Training Programme	NIL	27/12/2019	31/12/2019	48	Nil

[View File](#)

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
Orientation workshop for Teachers of MBA Programme (orientation Programme)	2	04/07/2019	04/07/2019	01
R Programming (FDP)	1	27/04/2020	02/05/2020	06
eSim (FDP)	1	14/05/2020	16/05/2020	03
Artificial Intelligence (FDP)	1	22/05/2020	26/05/2020	05
PHP MySQL (FDP)	1	26/05/2020	30/05/2020	05
"E-Learning" (FDP)	1	20/05/2020	20/05/2020	01
"Overcoming the challenges in Adapting online	1	06/05/2020	11/05/2020	05

technology in Teaching Learning" (FDP)				
"Introduction to Forensic Science and Digital Cyber Forensics" (FDP)	2	15/05/2020	19/05/2020	05
NLOQ Programme (FDP)	1	10/05/2020	10/05/2020	01
Python 3.4.3 Training (FDP)	1	20/04/2020	25/04/2020	05
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
16	75	52	22

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Study leave for Pursuing higher study, Free Medical Check up for staff. Maternity leave, Paternity leave, Tuition waiver for their wards in School	Free Medical Check up for staff. Maternity leave, Paternity leave, Tuition waiver for their wards in School	Scholarship

6.4 – Financial Management and Resource Mobilization

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

Institution has a well-structured process for the financial audits. The financial audits are conducted at regular period. Internal Audits Internal Audits are conducted by the Institute Management wherein monitoring of all financial transactions is done. Management evaluates the detailed administrative and maintenance expenses, salaries and allowances are maintained by finance department. Further fee receipts and payment vouchers and necessary supporting documents are verified. Minor errors of omissions and commissions when pointed out by the management are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future. External Audits The External audit is conducted at the end of financial year. The audit is carried out by a certified chartered accountant (CA), appointed by the management. In external audit the institute provides all the Vouchers of all bank and cash transactions, Ledger scrutiny, analysis of fixed assets register, cash book, advance register, checking of bank reconciliation statement, scrutiny of all documents relating to purchase of fixed assets to the chartered accountant (CA).

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

Late Sardani Tejinder Kaur Tuli Memorable Charitable Trust	617200	Student Welfare
View File		

6.4.3 – Total corpus fund generated

617200

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	No	Null	Yes	Constituted Committee
Administrative	No	Null	Yes	Constituted Committee

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

<p>1. Parent -Teacher Meet : It was held ever month for reporting students attendance, assignment and progress to parents on monthly basis. 2. Session related to parenting Guidance for both Parents Students were held in college campus 3. Buddy Bench : Counselling Session for both parents and students were both were sited face to face and problems were discussed and simultaneously solutions were provided.</p>

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

<p>Medical check up by Jeevan Jyoti health care charitable Trust, An NGO. Orientation Programme on Work Life Balance. Seminar on Personality Development programme.</p>

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

<p>Automation, Digitization, Institutional Membership have enhanced College Library. Career Guidance Programme and More Corporate Tie-ups were initiated by Placement Cell. The college has been awarded as Active Local Chapter for NPTEL Online courses.</p>
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6.5.5 – Internal Quality Assurance System Details

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

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	FDP on open source tool	27/07/2019	27/07/2019	27/07/2019	34
2019	Workshop on MOODLE	24/08/2019	24/08/2019	24/08/2019	26
2019	Session on	28/09/2019	28/09/2019	28/09/2019	20

	IIMS				
2019	GNI Teacher Training Programme	27/12/2019	27/12/2019	31/12/2019	28
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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
Rakshabandhan celebration program	16/08/2019	16/08/2019	26	22
Beti Padhao, Beti Padhao campaign program	19/08/2019	19/08/2019	41	13
Self defence traing program for women	21/09/2019	21/09/2019	44	9
Seminar on Gender equality	13/01/2020	13/01/2020	65	15
Awareness program on Road rage	09/02/2020	09/02/2020	26	5

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
<p>"Save energy" initiative is taken by depatmental forum to make students aware by making them switch off lights and fans before leaving the classroom. Environmental awareness campaigns for renewable energy sources organised by under NSS Unit . Students make mini projects based on solar Energy. Students prepare projects on "Environmental Science" as a part of their course curriculum. Installation of number of Power Saving LED lights in Campus.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	No	Nil
Ramp/Rails	Yes	3
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	3
Scribes for examination	Yes	Nil
Special skill	Yes	Nil

development for differently abled students

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	Nil	1	22/08/2019	1	Visit to Vridha shrum	Time spent with old people so that they happy.	51
2019	Nil	1	19/09/2019	1	Swachha Bharat Abhiyan	Cleanliness awareness among people	41
2019	Nil	1	07/10/2019	1	Internet Awareness program for Zilla parishad school	Internet Awareness	7
2019	Nil	1	11/11/2019	1	Voting awareness compaign	Awarness about voting	37
2020	1	1	10/01/2020	1	Tree plantation Program	Importance of tree in human life.	43
2020	1	1	01/02/2020	12	Free Coaching economical backward students for JEE / CET Examination	Helping economically poor students to achieve their goal in life.	34

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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)
Code of Conduct	16/08/2019	This Code is expected

to help maintain high standards of educational conduct for the Institute and to promote ethical conduct. This Code is derived from three interlinked fundamental principles, viz. governance, citizenship and exemplary personal conduct. All stakeholders should ensure that they do not derive any undue personal benefit because of their position in the Institute and/or exposure to certain confidential information coming to their knowledge. Code of conduct of student maintain through Behavior, Attire, Punctuality, Discipline, Integrity, Safety of students as per handbook. Faculty members are responsible for presenting syllabus with information about all coursework, including projects, examinations, and other assignments. At the first class meeting, faculty members should remind students of the standards of behavior and conduct to which students are expected to adhere. Higher Management should act on behalf of the Institute and on their personal behalf, with honesty, integrity and fairness. Management should fulfill the fiduciary obligations and act in the best interests of the Institute, its stakeholders and for the protection of environment.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence Day	15/08/2019	15/08/2019	165
Rakshabandhan celebration program	16/08/2019	16/08/2019	48

Beti Padhao, Beti Padhao campaign program	19/08/2019	19/08/2019	44
Visit to Matoshree Vrudhashram	22/08/2019	22/08/2019	51
Dahi Handi program	24/08/2019	24/08/2019	143
Swaccha bharat abhiyan	19/09/2019	19/09/2019	41
Self defence traing program for women	19/09/2019	21/09/2019	53
Mahatma Gandhi Jayanti Celebration	02/10/2019	02/10/2019	123
Internet Awareness program for Zilla parishad school	07/10/2019	07/10/2019	7
Voting awareness compaign	11/11/2019	11/11/2019	37
View File			

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

Plastic-free campus College promotes the Maharashtra govt initiative of plastic ban by discouraging use of plastic bags and cups in the campus In Canteen steel plates/ leaf plates and steel cups or paper cups are mandatory College examination committee replaced plastic bags with cloth bags used for examination purpos Paperless office Institute has made efforts for paperless working by developing college portals and college ERP - IIMS (Institute Information Management System) Account, Academic and College Files data is stored on portal making it easily accessible and promoting paperless activity. IIMS portal, Moodle and admission portals simplifies the process of notices, circulars, notes etc. and makes them paperless. LMS- MOODLE has the subject wise e-notes, e-books, presentations, videos and assignments which reduces the paper use. Waste Management in campus E Waste drive was conducted at regular intervals in college campus. Waste is segregated into dry and wet waste dustbins and delivered to Grampanchyat waste collection vehicle Noise Pollution free campus During College Annual Day DJ was not allowed to reduce noise pollution College maintain sound levels less than 70 dB are not damaging to living organisms according to the World Health Organization, harvesting structures and utilization in the campus Rain water harvesting system has been implemented in round building of GNIET at the entrance of the campus. Rainwater harvesting is a process or technique of collecting, storing and using rainwater for irrigation and for various other purposes. There is no better quality water available than the natural rainwater. Water is the most important resource for our growing population. The people are facing the problems due to Flooding as well as lack of rain. Rain water is captured in the basement area inside the round building and passed in well near the round building through underground pipelines. The water harvested in the well is provided to the trees in the campus with the help of motor of 24 HP and the water taps placed near the well. The building has been constructed in such a way that the rainwater will be passed in the underground storage and collected in the well, which can be utilized for the trees. The well is covered and decorated with the Fish Tank to

make the entrance of the campus to decorate the college ambience.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 : Mini Project Compulsory for first year to third year students apart from regular university curriculum. OBJECTIVE: GNIET aims to provide better learning experiences to the students and thus implements various methods which would enhance students learning and knowledge. Implementing Mini Project preparation for all years is an approach to infuse practical learning experience in the curriculum. Mini Project is a student centric approach to enhance their learning and knowledge. **Specific Objectives:** To enhance the knowledge, encourage independent learning and develop awareness about growing technologies. To infuse understanding for real world problems and requirement in the curriculum. To deepen the subject knowledge and learning. Build inherent abilities and interest for exploring new technologies and build personal and social responsibilities. As per the R.T.M Nagpur university curriculum, mini project is included in only for the students of third year. GNIET has implemented the Mini Project preparation compulsory for all the year students. Students group are formed respective to their classes. According to their selection of the topic for the project, guides are allotted. Before selection of the topic for the project, students are oriented to analyze various real world issues and need, which helps to infuse personal and social responsibilities. Students also analyze the changing technology methods by visiting various industries and attending seminars. This gives students a platform to interact with various experts from industries and faculties. According to their research and interest, students prepare the project.

Best Practice 2: Teacher Guardian Scheme Scheme Details: 1.For 15 to 20 students, One Teacher Guardian. 2.Teacher guardian will monitor academic performance of students. 3.Poor performance of students should be improved by way of counseling. 4.Teacher guardian will try to solve the domestic problems of students. 5.If required teacher guardian will call the parents on phone on the basis of weekly monitoring. Direct telephone lines in the office will made available. **Objective:** Following are the objectives of Teacher-Guardian Scheme in GNIET: To acclimatize the new students to the campus life in GNIET. To communicate with the student's parents Providing emotional support to students on individual basis. Helping students overcome home sickness. Monitoring attendance and behavioral aspects of every student. Identifying weak areas and working out remedies helping students thereby taking their complete care To provide academic counseling to the students with respect to student's overall development. GNIET has introduced the Teacher Guardian Scheme for the students to be interactive with their guardian teachers. A teacher is assigned as a teacher guardian for fifteen to twenty students. A teacher works as a guide, friend, guardian, Counselor for the students. A teacher Guardian motivates them to participate in various collegiate and intercollegiate activities. A student can share problems related to the college campus as well as his/her personal life. A guardian teacher observes and keeps track of the student activities in the academic activities and in campus behavior. The students are free to contact the counseling service with difficulties, including personal, home and family relationships, depression, anxiety and loneliness, etc.

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

<https://gniet.ac.in/naaclinks/data7/7.2.pdf>

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

Institutional Distinctiveness - Empowering Student's Personality Introduction: Engineering is dynamic so it needs people who can work across disciplines, with others, and continually adapt to new challenges. An engineering student should have the qualities such as Vision, Innovative thinking, Practical Orientation, Leadership, Discipline, Focus, etc. Apart from the institute's objective to promote higher education among the students, institute also focuses on the overall development of personality and skills among students. Institute conducts various curricular, co-curricular, extra-curricular and social events. Students not only participate in the events but also conducts numerous task like organizing the event, hosting and planning of the event, managing the financial aspects, overall event management and handling registration and marketing activities. Institutional distinctiveness is to promote autonomy among the students to organize various events in Rotaract Club, NSS Unit, Departmental Forum Associations, Institutional events etc. Objective: To prepare the ground for students to shed their individual selves and take up responsibilities as team players. Practices: Students are given autonomy to organize the events through various units and institutional practices: 1. Rotaract Club of GNIET : Rotaract clubs help young adults to develop leadership and professional skills, and have fun through service. In communities worldwide, Rotary and Rotaract members work side by side to take action through service. From big cities to rural villages, Rotaract is changing communities and the world. Each Rotaract club decides how to organize and run its club, manage its own funds, and plan and carry out activities and service projects close to home and around the world. Rotaract club of GNIET has been formed for the students to provide an opportunity for young people to enhance the knowledge and skills that will assist them in personal development, to address the physical and social needs of their communities, and to promote better relations between all people worldwide through a framework of friendship and service. This Avenue aims to get the members to think differently, and sharpen their brains to the fullest. Some events organized by the committee are Guest Lectures, Group Discussion, and Debates etc. 2. NSS Cell : National Service Scheme provides the students an opportunity to understand the community identify its needs and problems as well as the solutions in which they can be involved by assuming social and civic responsibilities. NSS also provides students with the opportunity to apply their education in finding practical solutions to the problems faced by the individuals and the community at large. NSS aims at arousing social consciousness of the youth with an overall objective of personality development through community service. NSS enables students to participate in various programs of social service and national development, and to help the community As per the sanction letter in academic year 2019-20, received from NSS department, Rashtrasant Tukadoji Maharaj Nagpur University, Guru Nanak Institute of Engineering and Technology is having NSS cell of 60 volunteers. The objectives of NSS unit are: To understand the community in which they work To understand themselves in relation to their community To identify

Provide the weblink of the institution

<https://gniet.ac.in/NAACLinks/data7/7.3.pdf>

8.Future Plans of Actions for Next Academic Year

1. GNIET plans to strengthen the staff development program and organize regular training programs, capacity workshops for both teaching nonteaching staff members. 2. GNIET plans to make the campus plastic free junk food free Tobacco free make the campus eco-friendly, also implement Swaccha Bharat Abhiyan near by the campus. 3. GNIET plan to submit the proposal for Research Centre to develop the innovative culture in the campus. 4. GNIET also plan for skill development program to create skill man power for industry. 5. To upgrade the examination

evaluation system of the college through regular online MCQ's exam pattern, Mock Test prepare the students for various competitive examinations in a better way. 6. Promoting activity such as Yoga, Physical exercise, Zumba, Meditation etc related to development of mental and physical fitness of students, faculty and staff members. 7. Promoting the harmony and cooperation among the faculty members and insuring overall college development by introducing "Faculty Club" and "Staff Club". 8. To create top class learning environment in the institutions and gradually acquiring the status of autonomous institution. 9. Encourage more students for active participation in social obligation. 10. To strengthen industry linkages. 11. To Strengthening the Alumni database their contribution at the departmental level. 12. To increase the number of MoU's by each academic department for student and faculty exchange.