Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**GRAPHIC ERA (DEEMED TO BE UNIVERSITY), DEHRADUN**
Name of the head of the Institution	**Prof. (Dr.) Rakesh Kumar Sharma**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**01352642799**
Mobile no.	**9910040333**
Registered Email	**provc@geu.ac.in**
Alternate Email	**registrar@geu.ac.in**
Address	**Bell Road, Clement Town**
City/Town	**Dehradun**
State/UT	**Uttarakhand**
Pincode	**248002**

2. Institutional Status

University	**Deemed**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Prof (Dr) Pravin P Patil**
Phone no/Alternate Phone no.	**01352642799**
Mobile no.	**9760010201**
Registered Email	**dr.patil@geu.ac.in**
Alternate Email	**vicechancellor@geu.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.geu.ac.in/content/geu/en/iqac/Reports.html

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.geu.ac.in/content/geu/en/iqac.html

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.23**	**2015**	**16-Nov-2015**	**15-Nov-2020**

6. Date of Establishment of IQAC	**09-Apr-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

No Data Entered/Not Applicable!!!	
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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
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**Yes**
If yes, mention the amount	**740511**
Year	**2018**

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

No Data Entered/Not Applicable!!!

View File

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

Plan of Action	Achivements/Outcomes
No Data Entered/Not Applicable!!!	
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Board of Management	11-Nov-2019

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

Date of Visit	27-Apr-2018

16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2020

Date of Submission	26-Feb-2019

17. Does the Institution have Management Information System ?	Yes

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Planning and Development: The ERP module of the university helps in planning academic activities like Timetable, Lecture plans and attendance and student feedback on faculty performance. Students are given the option to select Choice Based Electives. The faculty subject allocation is made as per the choice and the expertise of the faculty. At undergraduate and postgraduate levels the allotment of dissertation topics, research guides, seminars and critical reviews are carefully planned to give the students the freedom to work at their own pace. There is also students Grievance cell, Gender sensitization cell which help in redressing the student grievances and finding effective solutions to them, to the satisfaction of all stakeholders. Administration ERP module of the university helps in keeping service records of all the employees maintaining service books, promotion records, seniority etc. and their total emoluments and the records of their provident fund. Finance and Accounts: The Finance and Accounts Department follows well defined and transparent

accounting practices. Record of every financial transaction is maintained. Mostly egovernance mechanism is used in financial transactions. The Department adheres to the sound practice of maintaining records of receipt of funds, projects, consultancy income, staff salary and all types of purchases and payment of various utility bills and taxes. Students Admission and Support: University has a dedicated Admission Cell that l supports the student admissions right from the application, registration and screening, preparation of list as per merit and government reservation policy. Students who desire to take admission for UG and PG programs of the university are required to make formal application, either personally or online, on university's ERP system by registering themselves. The data collected through this process is further used for making merit list and admission list of the eligible candidates and for online payment of the necessary fees. Examination: The University has the separate Examination committee with well equipped ITC Tools, Separate Desktop with Internet Facility for online procedures. Simple moral accountable responsive and transparent governance is applied in administration with ITC enabled services.

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
No Data Entered/Not Applicable !!!			

View File

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
No Data Entered/Not Applicable !!!				

View File

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction

No Data Entered/Not Applicable !!!	
View File	

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	Honours Political Science	01/08/2018
BSc	Computer Science	02/07/2018

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
No Data Entered/Not Applicable !!!		
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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)

Feedback Obtained
Feedback is one of the most important element in the organization to enhance the quality of education in the university .it is the foundation of strong student teacher relationships to improve and develop learning strategies through constructive feedbacks and criticism . It also develops teachers ability to focus on the needs of the students and thus improving themselves as a teacher. Feedback is obtained from the students through online portal as well as manually on the basis of scale of 5. The Students are asked to give feedback in categories such as ability to generate interest in the subject, presentation in class. Teachers' performance in terms of covering the syllabus, regularity, punctuality and accessibility is also evaluated semester wise. Alumni Feedback along with parents' feedback is also considered so that the areas where there is still scope for improvement can be identified. The Department consistently works on improving the quality processes involved to enhance the quality imparted to students. The faculty members are motivated through constant counseling by the head of the Department. Course wise regular feedback from students, alumni, parents, faculties and academic as well as industry experts is collected, discussed within the department, is being carried out under the supervision of the Head of the Department incorporated in the Board of Studies

meeting. The Entire process involves HoDs, senior faculties, actively involved students, advisors, industry experts, eminent alumni and parents of the students. The process of curriculum development is focused on the requirement of the industry and holistic development of the students, improvement of teaching methodology as well. The involvement of parents in the feedback system helps them to be aware of the teaching learning process. Their feedback on both teachers as well as their wards helps both students and teachers to get acquainted of their merits and demerits which enhance the quality of education in the university. It is the foundation of student teacher relationships to improve and develop learning strategies through constructive feedbacks and criticism. It also develops teacher's ability to focus on the needs of the students and thus improving themselves as a teacher.

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
No Data Entered/Not Applicable !!!				
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
2018	5628	826	328	55	15

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
383	379	127	61	61	21
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)

The University has a Mentoring Program, in place to ensure that the students receive academic, emotional, professional and personal support from the time they join the university. This is being facilitated through the teachers, Centre for Training and Development, Psychological Counselling Cell, in addition to appointing senior students for emotional and academic consultation. The Mentoring Program is at all levels including those for advanced, slow and average learners. As a part of the Mentorship programme, the students are assigned to each faculty member in groups of 10 to 15. Preferably, the students of a particular branch are assigned to the faculty members of that department. Effective July 2015, these students are under continuous tutelage of the faculty mentor for all years of study. In subsequent year, the new students have been added to this group of each faculty member, thereby making the strength to be nearly 60 in 2019. Faculty mentors guide students and help them to adjust in the university life. The aim of the programme is to provide a supportive environment that

will motivate and assist them to develop to their maximum personal and academic potential. Mentoring has been found to increase students' academic success, social skills, selfefficacy, and the ability to refine their professional dispositions. Trained mentors such as professionals in Centre for Training and Development as well as Professional Psychological Counselling centre, along with teachers assigned, provide leadership and support to students during mentoring sessions. These sessions are designed to help connect learners, provide them with information on campus resources, give them a sense of belonging and open possibilities of connectedness to community within the campus as well as outside in the world. Slow learners: Every semester, academically weak students are identified and information is shared with the Student Counsellor. Such students are encouraged to seek guidance on academic issues on a fixed date and time (changes possible on request of the student). Such meetings are arranged at least twice in a semester. The students are advised to improve performance and are given suggestions or options for clearing their backlog courses. The advising process is designed to ensure that each student selects a set of courses during each semester that meets minimum grade requirements and which can result in the student making efficient and orderly progress in meeting the academic requirements as listed in the course scheme. Also, the institute offers remedial classes to courses generally considered tough by the students and such classes are organized by best teachers. This helps such students to learn in a smaller group with focused monitoring. Advanced Learners: The advanced learners are encouraged to pick up projects with a faculty mentor. Students are allowed to use the labs and workshop beyond office hours to carry out their project work. University also provide financial aid for fabricating these types of projects and participating in national and international events. Many advanced learners are also encouraged to choose summer programs at International Universities which are partially funded by the University.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
6454	383	16.85

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
335	383	0	39	132

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
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!				
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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

19	5782	0.33

2.6 – Student Performance and Learning Outcomes

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

https://www.geu.ac.in/content/geu/en/academics.html

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
No Data Entered/Not Applicable !!!					
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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://www.geu.ac.in/content/geu/en/iqac.html

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – 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
No Data Entered/Not Applicable !!!				
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
No Data Entered/Not Applicable !!!		
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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
No Data Entered/Not Applicable !!!				
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3.3 – Innovation Ecosystem

3.3.1 – 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
No Data Entered/Not Applicable !!!		
View File		

3.3.2 – 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
No Data Entered/Not Applicable !!!				
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3.3.3 – 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
No Data Entered/Not Applicable !!!					
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Allied sciences	9
Biotechnology	4
CSE	3
ECE	2
EE	3
Life Sciences	1
ME	1
Management studies	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
View File			

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

Department	Number of Publication
No Data Entered/Not Applicable !!!	
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
View File			

3.4.5 – 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
No Data Entered/Not Applicable !!!						

	View File				

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
No Data Entered/Not Applicable !!!						
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	114	12	10	9
Presented papers	144	15	12	11
Resource persons	12	14	10	4
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3.5 – Consultancy

3.5.1 – 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 !!!			
View File			

3.5.2 – 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 !!!				
View File				

3.6 – Extension Activities

3.6.1 – 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
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!			
View File			

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 activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				
View File				

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
View File			

3.7.2 – 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
No Data Entered/Not Applicable !!!					
View File					

3.7.3 – 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
No Data Entered/Not Applicable !!!			
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
1800	1650

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing

Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Newly Added
Laboratories	Newly Added
Class rooms	Newly Added
Campus Area	Existing

[View File]

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
LIBSYS	Fully	7	2017

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			

[View File]

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
No Data Entered/Not Applicable !!!			

[View File]

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	2087	32	100000	3	2	50	200	1055	241
Added	121	2	10000	0	0	0	0	100	0
Total	2208	34	110000	3	2	50	200	1155	241

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

1155 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
video recording centre	https://www.geu.ac.in/content/geu/en/admission-aid/amenities.html

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
170	166	250	246

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 University strives to meet the growing needs of the institution, making available adequate physical infrastructure and constantly upgrading the facilities in order to achieve desired academic ambience. Periodic and preventive maintenance is taken care of by a dedicated cell under the control of Administration Bureau. The institute gives due attention to keep the campus neat, clean and hygienic. Housekeeping services have been outsourced to a professional company which has engaged 220 persons for housekeeping needs of the institute. The agency is also responsible for lawns, gardens and pest and rodent management etc. The university has created state-of-the art physical learning and living infrastructure and endeavors to ensure optimal utilization of academic resources. Facilities like Class Rooms, Labs and LTs have been earmarked and are shared as per the approved time table. Common facilities like conference rooms and seminar halls, auditoriums etc. are allotted by administration department based on the requisition by the Departments. Maintenance of the physical infrastructure and services, including preventive maintenance takes place during the summer vacation by the Engineering Cell under the supervision of the Administration. Three (3) engineers and 25 support staff (plumbers, electricians, carpenters, painters etc.) are available for maintenance needs. The maintenance and upkeep of lab equipment, water coolers, Air conditioners, fire extinguishers etc. are done through outsourced staff or through AMCs. University has a separate cell for power related services and to ensure uninterrupted power supply. A dedicated staff of 15 (regular and outsourced) trained electricians has been deployed to take care of power related maintenance needs. Maintenance of public health needs like sanitation, fittings, overhead roof tanks etc. is outsourced The University has created robust IT infrastructure. Most of the equipment in Computer lab is covered by AMC, whereas small instrument are taken care of by in house technicians. Anti-virus /Anti Malware software are installed and updated at specific intervals. Director, University Computer Center is responsible for up gradation and maintenance of IT infrastructure. Sports facilities have been put under the charge of a full time qualified Sports Officer supported by an ASO and ground staff with a defined procedure for maintenance upkeep. Health centre operates 24x7 under the supervision of a resident doctor and three nursing assistants. A librarian is posted in each of the Libraries who work under the supervision of a University Librarian. Maintenance and Pest control of books and journals is done every year. The University transport department, under the charge of two Motor Transport Officers (MTOs) comprises a fleet of 33 buses, and 29 small vehicles (Cars/SUVs) and 3 ambulances. It functions under the overall control of Administration. University buses pick up and drop students from specified locations in Dehradun city and en-route. An in-house workshop is available to take care of regular maintenance needs of the vehicles. A system to receive and resolve the grievances of students also exists.

https://www.geu.ac.in/content/geu/en.html

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	**Institutional Scholarship**	**3098**	**40750050**
Financial Support from Other Sources			
a) National	**Nil**	**0**	**0**
b)International	**Nil**	**0**	**0**
No file uploaded.			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
[View File](#)			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
No Data Entered/Not Applicable !!!					
[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
0	**0**	**0**

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
[View File](#)					

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					

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
No Data Entered/Not Applicable !!!	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		

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
No Data Entered/Not Applicable !!!						

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

Students' representation on academic and administrative bodies/committees of the institution is explained below: Class committee In every program, for every semester there is a class committee represented by students from every class in the semester. The class committee has also faculty representation. This committee is convened 2-3 times in a semester, and it discusses and pass resolutions on the following: Analysis of continuous assessment test results Analysis of end semester results Evaluation methodology for practical and other equivalent courses Syllabus for cycle tests Disciplinary issues of the students Faculty performance in teaching Industrial visits / training Other student – centric issues raised by the students including maintenance of infrastructure Departmental Board of Studies (BoS) Every department has a BoS which has, among others, maximum of two student members. This BoS is responsible for forming the curriculum / syllabus and the associated revisions / amendments. BoS also formulates the Program Educational Objectives (PEOs). Students actively contribute in the BoS meetings. Class Representative Committee This is a Faculty level committee having student representatives from all the classes under a Faculty and the convener of the same is the Faculty Director. This committee is convened 2-3 times in a year and students air freely their opinions / suggestions / grievances directly to the director on any issue which directly or indirectly relates to the issues concerning the students. Placement Committee Student volunteers play a big role during placement process including roping in potential recruiters. IQAC members One or two students are members of IQAC and they contribute in the quality assurance process in academic and other related areas GRAFEST Committee Grafest is a cultural level technical festival organized every year which normally witnesses a footfall of more than 60000. It is a mega event and has participation by students from leading technical institutions across the country. The organizing team is entirely made up of students with the Faculty coordinator only providing general guidelines. GRAFEST This is an annual cultural festival fully managed by the students. Students form committees of their own for various purposes and conduct periodic

reviews before the commencement of the festival. They collect the funds through advertisements and manage the same. The festival is planned in a meticulous manner with schedules prepared well in advance. Tasks like crowd controlling, discipline, safety and security during the conduct of the events are efficiently handled by the students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institution has registered Alumni Association which was formed on dec 28, 2006. We also have a dedicated Alumni Portal at https://www.graphiceraalumni.com/ wherein the Alumni can register their details through social accounts (Facebook/LinkedIn) or email and can stay updated about the upcoming Alumni events/reunions being organized – register online for these events and share confirmations, apply online for requests regarding academic documents, search and apply for jobs online. More than 10000 alumni are registered. Alumni actively contribute for the overall development of university by various means like, expert lectures, mentoring incubates, interaction with students, research and development. They are also active members of various functional committees of the university like BOS, Academic Council, IQAC, BOM etc. Alumni reunions takes place at national and international level for meaningful engagement.

5.4.2 – No. of registered Alumni:

10500

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

6465000

5.4.4 – Meetings/activities organized by Alumni Association :

Year 2018 S.No Date Region 1 6th January 18 Pune Alumni Reunion 2 14th - 15th April 18 Dehradun Alumni Reunion 3 29th - 30th Sept 18 Bhimtal Alumni Reunion Year 2019 S.No Date Region 1 2nd February 19 Pune Alumni Reunion 2 14th - 15th April 19 Dehradun Alumni Reunion

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)

Collaborative working is the stated policy of institute's vision and mission and is reflected in its academic and administrative planning. The institution believes that participation of all stakeholders in a decentralized regime is of paramount importance and supports an inclusive culture of interdependence and collaboration amongst various stakeholder groups. Case Study - I Feedbacks from various stake holders i.e. students, alumni, parents, employer, academia and industries etc. is an integral part of curriculum design at Graphic Era. Industry and academic peers also find presence in the Boards of Studies of various departments. This feedback is analyzed and gets ploughed in the curriculum, so as to consistently improve the academic and technical skillsets of the students. The exercise helps to make students relevant for the industrial and academic needs and make them industry ready. This feedback system in the Department of Civil Engineering has led to the introduction of basic and important civil software related courses with a focus on employability in the curriculum. Established of BIM Advancement Lab (in 2019) is also an important outcome of such feedback from employer/Industry. The

Department has collaborated with Bentley's and established a center for excellence as BIM Advancement Lab, to impart trainings to students in advanced soft wares like Staad Foundation, Open Road Software, etc. to improve their employability. This center also conducts short term certificate programs for professionals. Case Study – II Placements at Graphic Era has seen an incremental growth during 26 years of its journey earlier as an AICTE approved institute and later as an institute deemed to be University. 101 companies visited Graphic Era (deemed to be University) for campus placement during the yera2017-18 for recruitment of students of various departments viz., Computer Science and Engineering, Information Technology, Mechanical Engineering, Civil Engineering, Electronics Communication Engineering, MBA, Petroleum Engineering , Hotel management, Commerce etc. Training and Placement cell embarked upon a strategy of developing industry connects through alumni, employers and faculty. It was with an objective of identifying latest skillset requirement of the industry and to equip the students with those skills so as to improve their employability, and to attract the industry for campus placements. Series of discussions and interactions were held by various Departments to establish purposeful collaborations with Industries like Sapient, IBM, Tata Technologies, Wipro Technologies, and Infosys, Cognizant etc. to align the curriculum with requirements of the industry. Specializations were offered in emerging areas like AI and ML, Data Science and AI, and Cloud Computing, Robotics and Automation etc. Regular follow up and monitoring was ensured through the placement department. This decentralization and participative management has led to a quantum leap in the number of industries visited and number and quality of placements. Number of companies that visited the campus during last year (2019-20) rose from 101 to 152. More than a thousand students were placed during first week of placement with highest package in ADOBE touching 45 Lacs.

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	The Curriculum Development is viewed as an essential step in the process of ongoing curriculum development and implementation. The development of an effective curriculum guide is a multistep, ongoing and cyclical process. The process progresses from evaluating the existing program, to designing an improved program, to implementing a new program and to evaluating the revised program. It's about meeting the needs of the students in a way that ensures the material is understood, maintained, and applied in and out of the classroom. The professional courses in the chosen field of specialization are meant to develop creative abilities for the application of basic concepts, problems involving planning, design, and development. Attention is also paid to develop communication skills in English language the medium of instructions.

	There is an inbuilt flexibility to encourage students to specialize in streams of their choice through a system of professional and free electives.
Teaching and Learning	Teaching and Learning: The concept of teaching has undergone a sea change from being the teacher centric it has become student -centric with emphasis on Outcome Based learning. The new teaching pedagogy lays emphasis on applying skills through relevant projects, improving teamworking skills and awareness of issues relating to ethics and professionalism. All academic staff is encouraged to bring in cuttingedge research ideas from their own research into their teaching. Remedial classes are arranged to improve the academic performance of slow learners, students are motivated by assigning project, seminars, and summer internships form an important part of our learning strategies.
Examination and Evaluation	Examination and Evaluation University follows continuous evaluation and examination methods i.e. midterm assessment class tests an end term examination. There is system of continuous evaluation of students learning by periodic tests. All students undertake a set number of credits during each year of the undergraduate and post graduate degree programs. Each course has an individual weight reflected by assigning credits. University has centralized Examination System, which conducts two cycle test on midterm examination for 50 marks which is scaled down to 25 marks and the second the semester ending examination for 50 marks. Periodical assignments, class tests and seminar presentation by students are used to assess the performance of students for 25 marks. A minimum of 75 percentage of attendance is required to appear in the Semester Ending Examination.
Research and Development	Research and Development Research and development activities are centralized under the Headship of Dean Research and Development. The faculty are motivated to publish research articles in Scopus / Indexed Web of Science, Non Scopus, Scopus Journal, Scopus Conference Proceedings, Scopus Book Series and Scopus Book. To encourage a quality

	research cash awards are given to the faculty members and research scholars under the Research Excellence Awards. University has also received Research Grants worth Rs 3.62 crores by DST, BARC, USBD, UCOST, DRDO, ISRO etc. and Rs. 1.62 crores for Consultancy Projects. There is Technology Business Incubator (TBI) for innovation and entrepreneur development funded by DST, New Delhi.
Library, ICT and Physical Infrastructure / Instrumentation	Library, ICT and Physical Infrastructure / Instrumentation University library is fully automated with software LIBSYS system. There are 60 computers available for the students and teachers to access the electronic resources. The library has internet and Wi Fi connection, it subscribes to Tindal devices. Library subscribes to all national news papers and domain specific journals. Library has institutional membership with NTPL.
Human Resource Management	Human Resource Management: Graphic Era Deemed to be University expects its faculty and the administrative staff to have high academic and service standards for imparting quality education and serving the institution with dedication. The University motivates the teaching staff to attend workshops at international, national and state level. Financial incentives are given to the faculty attending for attending national and international conferences. Cash awards are presented to faculty and researchers for research publications in high impact journals. University has also put in place Student feedback system, semesterwise on faculty performance, for annual faculty appraisals for salary enhancement, due weightage is given to student feedback and faculty research publications. Faculty development Programs are organized periodically to enhance teaching competence and motivate for further enrichment. Those who wish to pursue higher education are granted study leave of one or two semesters, on their request. Those faculty members who have keen inclination towards research are given minimum teaching load and flexible working hours. Nonteaching staff are motivated to pursue their higher education in distance mode.

Industry Interaction / Collaboration	Industry Interaction / Collaboration University not only provides quality education to its students but act as an interface between the students, faculty, and the corporate world to initiate continuous interaction with the industry, sharing the industry experiences, understanding industry needs and providing the required support to the corporate world. To make further inroads in terms of collaborative participation in research and teaching, Memoranda of Understanding (MOUs) have been signed with various Universities/Industries at home and abroad. This strengthens educational and research linkages, exchange of faculty and students exchange with an aim to achieve stateoftheart infrastructure facilities in various fields of Engineering and Science. University has MoUs with: • Tata Technologies to get assisted in development of engineering courses. • Infosys to incorporate industry relevant modules in the course curriculum. by enabling them to meet the industry needs and to be recognized globally. • Wadia Institute of Himalayan Geology, Dehradun (WIHG) in the field of education and research, especially in the field of Earth Sciences and Geotechnology. • IBM India Pvt. Ltd to provide faculty for the course either from IBM or from empanelled Consultants. • Sapient to undertake Industry Campus Integration Program • Association of Chartered Certified Accountants ACCA to collaborate between ACCA and Graphic Era University to develop specific programs that create opportunities for students to achieve the ACCA qualifications. Also the purpose is to have joint seminars, conferences, common projects and publications. • International Skill Development Corporation (ISDC) Project India Pvt. Ltd. To University to develop the undergraduate program B.Com in International Accounting and Finance which incorporates ACCA curriculum to meet the exemption criteria of a ACCA. • Bombay Stock Exchange (BSE) Institute Limitedto conduct 20 hours program on Introduction to Technical Analysis for the benefit of students of Graphic Era University BIL and GEU may add more

programs from time to time. Certificates will also be provided by BIL to the students who successfully complete the program • Institute of Management Accountants (IMA) support to enable students to achieve the CMA certification. • WILEY India Private Limited Wiley would support the MOU with the official CMA test preparation content, Wiley CMA excel Learning System, for CMA exam preparation of Graphic Era students. • Siemens Ltd.: for the training program on basics of AC/DC drives and basics course on Automation. This training included DC motor basics, DC drive basics, application and selection of typical DC drives, Siemens drives, AC motor basics, AC drive basics, selections of AC drives, medium voltage drives and motor and short briefing on MV Transformers along with their options and protections. • Steinbeis Centre for Technology Transfer India :(In Affilation with Steinbeis GmbH Co. KG fur Technologietransfer, Germany): to corporate in promoting training through SATE in the field of Advanced Technology Training and Entrepreneurship, specially Renewable energy, Automation, Manufacturing, Automotive and Aerospace Technologies, in addition to training and placements of candidates (specially in software field) in Germany and in India.. • Amogeo ITES india Ltd: to help GEU in incorporating an academic program at post graduation level in Renewable Energy System. • ORACLE: Oracle Workforce Development Program: oracle to provide the University with technical support for the programs under Oracle Technical Support Policies. • Centre for Research in Engineering and Applied Sciences, UAEM, Av. Universidad, Col. Chamilpa,Cuernavaca, Morelos, Mexico: Exchange of academic and administrative staff and mutual visits to pursue Research and to lecture. Exchange of UG, PG and Ph.D. students for internships, study abroad programs and other Collaborative / joint research and development. • Evertech Engineers Private Limited (EEPL)to establish advance workshop of handsontraining for creating expertise on power system practices for Electrical Engg.

	(B.Tech.) students and subsequent possible placement with them or their associates/customers. EEPL may register a separate entity as a charitable trust to carry out all activities in the campus. • CodeChef: CodeChef (an Internet software products Company) was signed to conduct Certificate Exam on Data Structures and Algorithms under a protected environment which would help students and professionals in the field of Computer Science to add a skill that is durable and to advance their careers
Admission of Students	Admission of Students University follows complete transparency in its admission process. The complete admission schedules are advertised in the leading English and Hindi news papers. The schedule is also displayed on the university website (www.gue.ac.in) . The queries of the aspirants are handled telephonically and through emails. Counseling sessions are conducted publicly. For eligibility of aspirants for engineering, management and IT programs university follows the admission norms laid down by AICTE/ UGC etc. Strict adherence is done to the merit of the qualifying examination, like JEE, GATE, MAT/,CAT etc. For other programs the eligibility criterion is the merit of qualifying examination. Merit based scholarships are granted at the time of admissions and an addition to this, 10 fee waiver is granted to girl candidates. The wards of martyrs are also given fee concession. There is flexibility in payment of fees in easy installment.

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

E-governace area	Details
Finance and Accounts	Finance and Accounts: The Finance and Accounts Department follows well defined and transparent accounting practices. Record of every financial transaction is maintained. Mostly egovernance mechanism is used in financial transactions. The Department adheres to the sound practice of maintaining records of receipt of funds, projects, consultancy income, staff salary and all types of purchases and payment of various utility bills and taxes.
Student Admission and Support	Students Admission and Support: University has a dedicated Admission

	Cell that l supports the student admissions right from the application, registration and screening, preparation of list as per merit and government reservation policy. Students who desire to take admission for UG and PG programs of the university are required to make formal application, either personally or online, on university's ERP system by registering themselves. The data collected through this process is further used for making merit list and admission list of the eligible candidates and for online payment of the necessary fees.
Examination	Examination: The University has the separate Examination committee with well equipped ITC Tools, Separate Desktop with Internet Facility for online procedures. Simple moral accountable responsive and transparent governance is applied in administration with ITC enabled services.
Planning and Development	Planning and Development: The ERP module of the university helps in planning academic activities like Timetable, Lecture plans and attendance and student feedback on faculty performance. Students are given the option to select Choice Based Electives. The faculty subject allocation is made as per the choice and the expertise of the faculty. At undergraduate and postgraduate levels the allotment of dissertation topics, research guides, seminars and critical reviews are carefully planned to give the students the freedom to work at their own pace. There is also students Grievance cell, Gender sensitization cell which help in redressing the student grievances and finding effective solutions to them, to the satisfaction of all stakeholders.
Administration	Administration ERP module of the university helps in keeping service records of all the employees maintaining service books, promotion records, seniority etc. and their total emoluments and the records of their provident fund.

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/	Name of the	Amount of support

		workshop attended for which financial support provided	professional body for which membership fee is provided	
	**No Data Entered/Not Applicable !!!**

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the University 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)
	**No Data Entered/Not Applicable !!!**

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
	**No Data Entered/Not Applicable !!!**

[View File](#)

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
52	**52**	**43**	**43**

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• **Partial Tuition fee waiver for the wards of Employees studying in Graphic Era Global School the University's new venture for school going children** • **Concession in fee and other occasional benefits for employee wards (specially belonging to weaker section) studying at GEU** • **Medical and Health Insurance facility to staff, faculty and their family with coverage up to 2 lakh including maternity benefits and coverage of around 110 medical ailments**	• **Partial Tuition fee waiver for the wards of Employees studying in Graphic Era Global School the University's new venture for school going children** • **Concession in fee and other occasional benefits for employee wards (specially belonging to weaker section) studying at GEU** • **Medical and Health Insurance facility to staff, faculty and their family with coverage up to 2 lakh including maternity benefits and coverage of around 110 medical ailments**	• **Students Health and Insurance Welfare Schemes** • **Financial assistance in case of death or critical illness of the family head or the person who have been financially supporting the student for studies (from Student Welfare Fund** • **Scholarships to meritorious students (based on the percentage/ scores in qualifying examinations) at the time of admission** • **Monetary rewards to students performing excellent in academics and other co extracurricular**

including critical illness. • EPF deduction of faculty and staff members. • Financial support for research and higher education (QIP) under career progression schemes to the faculty and staff members • Financial awards to faculty for outstanding contribution in research and projects (research projects/research papers/ books and journal publications etc) • Financial support for attending Conferences / Seminars/Workshops • Provision of Seed money for research projects to faculty members • Provision of free transport facility (to and frocampus) • Organizing trips/ treks/pleasure walks	including critical illness. • EPF deduction of faculty and staff members. • Financial support for research and higher education (QIP) under career progression schemes to the faculty and staff members • Financial awards to faculty for outstanding contribution in research and projects (research projects/research papers/ books and journal publications etc) • Financial support for attending Conferences / Seminars/Workshops • Provision of Seed money for research projects to faculty members • Provision of free transport facility (to and frocampus) • Organizing trips/ treks/pleasure walks	activities • Monetary rewards and rewards for outstanding achievers in placements/GATE/ research publications/projects • Financial support for participating in projects/ tech fests/ sports and games meet • Performance rewards to NSS/NCC cadets • Financial Support for attending Conferences / Seminars/Workshops • Financial support as research fellowship and post doctoral fellowship • Promoting industry – institute interface • Inviting guest speakers for knowledge updating and sharing from reputed Indian organizations and abroad • Organizing trips/ treks/pleasure walks

6.4 – Financial Management and Resource Mobilization

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

The Governing body of the University along with the parent society has been very particular about the credibility of the financial statements. Further, various credit rating agencies, statutory agencies as well as financial institutions requires audit of financials to rely upon. To fulfil all internal and external requirements, apart from quality audits, The University follow's a 3 level audit system with regard to financial statements. Initially the finance department headed by the Chief Finance Officer (Chartered Accountant) along with the Accounts Officer internally reviews the financial statements and books of accounts for completeness and accuracy. The Compiled books of accounts along with financials is then reviewed by the finance committee which consist of Vice chancellor (Chairman), 2 Nominee's from BOM and 1 from Parent Society, Pro?VC, a practicing Chartered Accountant, Office bearers in Finance department from other University, Registrar, Accounts Officer and CFO (Secretary). Post approval of the finance committee, the financials are audited by our statutory auditors for systematic and independent examination of books, accounts, statutory records, documents and vouchers in order to ascertain how far the financial statements as well as non?financial disclosures present a true and fair view. The Statutory Audit team consist of 2 Chartered Accountants and 3 Chartered Accountant Articles which are backed by a team of Chartered Accountants and semi?qualified staff with specialization in different aspects. The queries/audit findings/observations of the various audit proceedings are handled and rectified by the officers of the university after verification from all persons concerned. The statutory auditors conduct interim audit covering 6 months. Thus, books of accounts for the period Apr?Sept are audited by the end of December year and Oct?Mar by the end of September which also includes issue of Audit report by the statutory auditors. Further, time to time reports are submitted to financial institutions in the form of FFR?I and FFR?II and Rating

agencies in the form of No Default Statements(NDS) both at society level. The Internal audit team consists of 2 officers of sister concern who are chartered accountants and semi qualified staff having specialized in their fields. The audit process involves visits to the university's campus, interaction with head of departments, faculty, students, employees and other stakeholders of the university. The audit team review the documents pertaining to the information available for audit and documents in the support of various processes being followed by the university.

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
No Data Entered/Not Applicable !!!		
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6.4.3 – Total corpus fund generated

139042

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO, NBA, UGC, AICTE	Yes	ISO, Internal Experts
Administrative	Yes	ISO, NBA, UGC, AICTE	Yes	ISO, Internal Experts

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not applicable

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

1. ParentTeacher Meeting by Department of Mechanical Engineering 2. Project training, Entrepreneurship Development by Department of Biotechnology 3. Rural development activity by the Department of Life Sciences

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

1. Higher education for Lab Assistant via enrolment in parttime Ph. D. Program. 2. Training on Lab Safety, Lab ethics 3. Participation of lab staff in the seminar, conferences as delegates and participants 4. Workshop on ISO lab documentation

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

Post Accreditation initiative(s) are summarized as below: • Graphic Era (Deemed to be University) participated in NIRF 201819 and won all India 104th Ranking for Engineering and Rankband 101150 Ranking for University. • Graphic Era (Deemed to be University) received permanent status of Deemed to be University by UGC under Section 3 UGC act. • Graphic Era (Deemed to be University) received AICTE approval for 201819 for Engineering, Management and MCA programs and subsequently got Extension of Approval for 201920 also. • Encourage faculty for research and innovation • Graphic Era (Deemed to be University) received NBA Accreditation for three of its Engineering program viz., B. Tech (Computer Sc. and Engg), B. Tech (Mechanical Engg.) and B. Tech (Electronics and Comm.

Engg), for next three years (20182021) • QS IGuage Rating applied and among only 13 universities in India having received Diamond rating by QS IGAUGE 2019. • Freshers' induction • Participation in SWACHHTA Bharath survey • Unnat Bharat Abhiyan • Adopting Environment Friendly Practices In Campus

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.7 – 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
No Data Entered/Not Applicable !!!					
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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
Poster making	02/08/2018	02/08/2018	80	25
Get to Know (Workshop)	22/09/2018	22/09/2018	40	20
Nukkad Nataak	10/10/2018	10/10/2018	18	1
Promoting Gender Equality	25/10/2018	25/10/2018	25	25
Are women still being held back by Stereotypes (Workshop)	18/01/2019	18/01/2019	35	17
Why I am proud to be a Women, Talk on International Women's day	08/03/2019	08/03/2019	150	250
Gender Equality and Peace (Workshop)	02/04/2019	02/04/2019	15	35

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
24

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries

Physical facilities	Yes	6800
Provision for lift	Yes	6800
Ramp/Rails	Yes	5
Braille Software/facilities	Yes	10
Rest Rooms	Yes	10
Scribes for examination	Yes	12

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
No Data Entered/Not Applicable !!!							
View File							

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 for students	02/07/2018	Orientation program, classes on human values and professional ethics
code of conduct for faculty and staff	02/07/2018	lecture series by senior professional

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
View File			

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

1.Tree Plantation 2. Polythene free campus 3. Use of Bicycles and Eco-Cart inside the campus 3. Free vehicle zone inside the campus 4. Use of solar energy as clean and green energy initiative 5. Waste water treatment 6. Waste Management (Solid and Liquid)

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice – I 1. Title of the Practice: Technology Business Incubator (TBI) 2. Objectives of the Practice: • To motivate and inspire students and more startups. • To equip them with necessary skills. • To provide necessary assistance. • Convert innovations into marketable products. 3. The Context The Technology Business Incubator (TBI) has been functioning actively in the Universty since the year 2015. As per the analysis there were not any major issues in designing the TBI, but certainly there were challenges in initiating and implementing the functioning of the TBI. Initially, motivating students for the business was a challenge as at this stage of their age, they are acceptably hesitant and immature for a business. But constant motivation and support

through the TBI professionals finally led them towards the initiation of the implementation of their ideas. The GEU-TBI works over the concept of innovation for making change, difference, and novelty in the products, services, add value, and business practices to create economic and social benefit. 4. The Practice GEU-Technology Business Incubator (TBI), hosted by Graphic Era University, Dehradun is a sunshade for the promotion of entrepreneurship at GEU, Dehradun. GEU-TBI administers a business incubator that provides support for technology-based entrepreneurship. We fund, mentor nurture ideas, startups, and entrepreneurs. TBI has focused on the execution of incubation and innovation programs to strengthen the successful growth of economic and social development. GEU-TBI Supports and Nurtures Industries In: • Dairy and Food Processing • Electronic Equipment Development • Computer Software/Hardware Development • Chemical Product Development • Bio-Fertilizers • Bio-Pesticides Panchgavya Products based on Drug and Urine. GEU-STEP (Science Technology Entrepreneur Park): GEU-STEP promotes entrepreneurship among students. We invite various eminent entrepreneurs to deliver lectures, workshops, knowledge camps etc to educate students about entrepreneurship. We also actively incubate startup ideas by linking the right investor with the right entrepreneurs. Facilities available for innovation support in TBI–GEU for incubate: • TATA Technologies –Centre of Excellence • INTEL -Internet of Things Centre • Adobe-Digital Marketing Platform • AWS Academy-Private Cloud Computing facility • ICT Academy • Red Hat Academy • Bentley Centre of excellence • Microsoft Product Suit Software • Big Data Analytic Facility • High performance Computational power of 5 TFLOPS, 2800 cores. • Seamless Wi-Fi of 1 Gbps links access and 100 Mbps download • Online subscription to Elsevier, IEEE, ASCE, ASME, EBSCO, ACM, • ProQuest, Scopus Database, Express Library –McGraw Hill E- • Books, Subscription of 82 Print Journals and 33 magazines 5. Evidence of Success: List of Statrt-ups recognized by Startup India and Startup Uttarakhand at GEU-TBI with total seat allocation of 40 are: • Sunfox Technologies Pvt. Ltd. • Moxie Intelligent Health Care • Pravartan Technologies Pvt. Ltd. • Webixun Infoways Pvt. Ltd. • ASRIOT Pvt. Ltd. • AVK Education Pvt. Ltd. • Dtown Robotics Pvt. Ltd. • KP Code Pvt. Ltd. • Fruilitious Breverages Pvt. Ltd. • Villotale Hospitalities Pvt. Ltd. List of INCUBATES with GEU-TBI: Name Experience Organization Field Vishal 14 CEO –TBI Educational Services, Scaling of startup, Incubation center development, 3D printing, Entrepreneurship, Fund Raising, Rapid Prototyping, CSR Funding Guru Prasad 30 Director Mentor - Imaginarium pvt. Ltd. Rapid Prototyping, SLS, SLA,DLP etc Anuj Duggal 12 Innovation Program Manager –Intel Leadership and innovation in software development, Google Launchpad, global technology community Apurv Godbole 14 CEO, Drova Aviation product development, market strategy, venture development A.K Sharma 45 President –AEMCO Project development, engineering innovation, manufacturing Lalit Sharma 30 MBA Brand Development, Marketing strategy, customer influence S.C Mittal 40 Consultant Electronic Control System, Hydraulic Valves mfg. Mr. Mittal 30 Consultant Electronic projects K.N Kotiyal 50 Consultant industrial, pollution control Sakshi Gupta 4 Trainer Entrepreneurship List of Funding: S.N. Name of the Agency Funds Sanctioned Funds Received 1 NSTEDB (DST, Govt. of India) Rs. 2.94 Crores Rs. 1.10 Crores 2 Bayer Crops Science Ltd. Rs. 1.046 Crores Rs. 1.046 Crores 3 Govt. of Uttarakhand Rs. 1 Crore Rs. 2 Lakhs 6. Problems Encountered and Resources Required: There were not many problems or challenges faced in the implementation of GEU-TBI. However, certain essential minor difficulties were: • Motivation among the students, • Building of confidence for their business ideas, • Lack of Industry and Market Trends among the students etc. And these were encountered by conducting various activities, workshops and training sessions. Best Practice – II 1. Title of the Practice: Academic-Industry Collaborations 2. Objectives of the Practice: The primary aim of this practice is to aid GEU in establishing a high quality people repository in various industry oriented technologies and skills. GEU has established strategic tie-ups with many national and multinational companies with the

following objectives in mind: • To ensure that programmes offered are in line with the needs of industry. • To create expanded research and learning opportunities. • To generate internships, organize Hands-on-Trainings, and generate employment opportunities. • To provide opportunities to visit different companies to gain insights and exposure to the corporate environment and to enable students to have interaction with top executives. • To provide opportunities to have increased number of publications and patents. 3. The Context: There were not any major issues or challenges. But several requirements for success were identified below: • Genuine people were needed who have a vested interest in the MOU's success and who could make it possible to match industry and university interaction. • Industry must be willing to assign their best and brightest technicians to collaborative ventures. • An infrastructure must be in place to execute, manage, evaluate, and reward collaborations. • Frequent and clear communication was needed on expectations and progress at all levels of the partnership. 4. The Practice: Academia and industry share a symbiotic relationship. Academia produces graduates who are absorbed by industry. Research work in universities are taken up by the industry and turned into products and services. Memorandums of Understanding (MOU) have been established for the purpose of enriching the technical education process and to jointly work for enriching the quality of education. Few are quoted below: • Tata Technologies Limited: MOU signed to get assistance in development of Engineering courses, curriculum revision, impart training through SMEs and support internship. • Infosys: MOU signed to incorporate industry relevant modules in the course curriculum. • Wadia Institute of Himalayan Geology, Dehradun (WIHG): MoU signed in the field of Earth Sciences and Geotechnology for sharing of RD facilities and PhD programs. • IBM India Pvt. Ltd.: MOU signed for Career Education Program. • Sapient: Sapient agreed to conduct events at the campus under Campus-Mentorship-Program. • Association of Chartered Certified Accountants ACCA: To have seminars, conferences, common projects and publications on ACCA and accounting profession. • International Skill Development Corporation (ISDC) Project India Pvt. Ltd.: To develop the undergraduate program of B.Com train faculty in International Accounting and Finance. • Bombay Stock Exchange (BSE) Institute Limited: To conduct 20 hours program on Introduction to Technical Analysis. • Institute of Management Accountants (IMA): To achieve CMA certification. • Siemens Ltd.: For training program on basics of AC/DC drives and basic course on Automation. • Steinbeis Centre for Technology Transfer India (In affilation with Steinbeis GmbH Co. KG fur Technologietransfer, Germany): To promote training through SATE in the field of Advanced Technology Training and Entrepreneurship, specially Renewable energy, Automation, Manufacturing, Automotive and Aerospace Technologies. • Amogeo ITES india Ltd. Provide services in getting the best academic curriculum in Renewable Energy to bring in a 'Certification program for Rooftop Solar Photovoltaic'. • ORACLE: To provide technical support under Oracle Technical Support Policies in effect. • Centre for Research in Engineering and Applied Sciences, UAEM, Av. Universidad, Col. Chamilpa,Cuernavaca, Morelos, Mexico: Exchange of academic and administrative staff visits to pursue Research, guest lecture, internship study abroad programs. • Evertech Engineers Private Limited (EEPL): To provide hands-on-training on power system practices for UG Electrical Engg. students. • CodeChef: To conduct Certificate Exam on Data Structures and Algorithms. 5. Evidence of Success GEU-IBM Labs: IBM labs are set-up at GEU and are in function to facilitate students not only in learning basics of Machine Learning, Data Science, Block Chain, Python, Cognos Business Intelligence or Cloud Computing tools like Watson, but also learning how to implement those services online by using the IBM tools and products. Tata Technologies: Various Centers are: • Mechatronics Center • Manufacturing Execution System (MES) Center • Advanced Manufacturing Center • Teardown and Benchmarking Center • 3D printing Technology Courses Designed in association with various industries as per the Academy-Industry -Collaborations: • B.Tech.

in CSE (Hons.) in association with IBM for following specializations: o Machine learning and Artificial Intelligence o Cloud Computing o Data Science Artificial Intelligence o Information Security • B.Tech Mechanical Engineering Hons. (Robotics and Automation) in association with Tata Technologies. • B.Tech Mechanical Engineering Hons. (Automobile) in association with Tata Technologies. • B.Com.(Hons.) International Finance and Accounting with ACCA,UK. • B.Com. (Hons.) Corporate Accounting and Financial Analysis with CMA,US. 6. Problems Encountered and Resources Required: There were not many problems faced in the implementation.

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

https://www.geu.ac.in/content/geu/en/iqac.html

7.3 – Institutional Distinctiveness

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

Entrepreneurship – an area distinctive to Graphic Era The institution accords top priority to entrepreneurship and values it as one most important attribute to be cultivated among students in the context of a developing country like India with a great demographic dividend. Technology business incubators are a powerful tool of economic development and acquire special significance in the light of Govt. Schemes like Make in India, Skill India, Digital India, etc. NSTEDB-DST approved a grant of Rs. 294.20 lacs for establishment of TBI in the year 2015. It is a recognized center supporting the State Startup Council to evaluate proposals for recognition under startup policy of Uttarakhand. Important start-ups incubated at the TBI-GEU i) Pravartan Technologies Pvt. Ltd., providing healthcare technology solutions. It has made research collaboration with BARC, Mumbai, AIIMS Rishikesh and IIT Roorkee. ii) Sunfox Technologies Pvt. Ltd., in the area of creating portable, affordable and accessible medical devices. It has received a funding support of Rs. 25 lakhs from the Institute and represented the country at WORLD ECONOMIC FORUM, China. It received top disruptive healthcare innovation award from CII, Max Healthcare and Deloitte. iii) Moxie Intelligent Health Care, providing a Doctor patient interface. It has received an international funding of Rs. 40 lakhs from US investor. iv) D-town Robotics Pvt. Ltd. it has received a grant of Rs.10 lakhs under NIDHI Prayas scheme of Govt. of India. A project from Uttarakhand tourism department on tracking system is one amongst few projects bagged by it. Appreciation of Credentials TBI-GEU has developed a strong Industry connect and has received a donation of Rs. 1.05 crores from Bayer Group of Companies under CSR for incubating a social enterprise to train and deploy visually impaired women as Medical Tactile Examiners (MTE) to detect the early signs of breast cancer. Credentials of the TBI have also been appreciated by the Govt. of Uttarakhand by sanctioning a grant of Rs. 1 crore under Uttarakhand Start up policy for expansion of TBI-GEU. Appreciating the startup ecosystem at the institute, AICTE has approved a unique program, MBA (Innovation, Entrepreneurship and Venture Development), aimed at facilitating budding innovators and aspiring entrepreneurs to convert their ideas into viable ventures. The Institute is one amongst only four in the country which has been sanctioned this program. TBI-GEU also helps the state to develop an entrepreneurship ecosystem in Uttarakhand and is a leader in spreading awareness about entrepreneurship as an implementation agency for conducting boot camps in various Districts of Uttarakhand. TBI-GEU also conducts Entrepreneurship awareness drives under DST-NIMAT project of DST, Govt. of India. Industrial collaborations and Technology facilitating entrepreneurship Innovation and entrepreneurship go hand in hand. Innovators need technology to further their ideas. Labs that encourage innovation and entrepreneurship are

more likely to lead to successful ventures. With respect to career pathways also, students in labs that encourage entrepreneurship are more likely to be interested in entrepreneurship. With this in view, technical support like High performance Computational power (of 5 TFLOPS, 2800 cores), private cloud computing facility and seamless Wi-Fi over 1 Gbps links access has been made available in the institute. Institute has established academic collaborations and state of the art lab facilities in collaboration with industry leaders to provide entrepreneurial support to incubates. Centers of excellence and high-end specialized labs have been developed in collaboration with industry leaders like TATA Technologies, Intel, IBM, Steinbeis Centre for Technology Transfer India, AWS Academy, Bentley Ltd., Big Data Analytic facility, ORACLE, and Amogeo ITES India Ltd. etc. These labs and linkages enable offering of specializations in Cloud Computing, Machine learning and Artificial Intelligence, Data Science Artificial Intelligence, Information Security, Robotics and Automation, Automobile, Aerospace Engineering etc. to provide students exposure to contemporary areas of entrepreneurship. Besides enriching academics, these Industry linkages provide an opportunity to budding entrepreneurs of getting mentorship from the industry leaders. Tata Technology Center of Excellence is equipped with state-of-the-art machines and high-end software to impart skills on digital manufacturing and simulation in real-world industry environment. IBM lab equips students in application of Machine Learning, Data Science and Cloud Computing etc. to real time world scenario to innovate and develop enterprise in these technologies. Steinbeis Centre for Technology Transfer, India, with an objective to 'Enhance Engineers Employability', provides professional training and promotes Entrepreneurship in the field of Advanced Technology with a focus on Renewable energy, Automation, Manufacturing, Automotive and Aerospace Technologies. The University has entered into MoUs with Emersion Process Management (India) Private Limited, (for Roxar-RMS and Roxar-Tempest software), CGG services (NL) B.V, Netherland (for CGG Geosoft software), and with Bentley (for High end Bentley software) to promote entrepreneurship culture amongst students. Thus the Institute has shown outstanding commitment and performance in the field of entrepreneurship which is distinctive to its priority, vision and thrust.

Provide the weblink of the institution
https://www.geu.ac.in/content/geu/en/iqac.html

8.Future Plans of Actions for Next Academic Year

GEU has attained several milestones post NAAC accreditation with the participation/consultation with its prime stakeholders. These include accreditation of CSE, ME and ECE programs by NBA, improved NIRF ranking, diamond rating by QS I-GAUGE, expansion in emerging areas like IoT, CC, BDA, AI etc., enriched curriculum with a focus on industry relevant value added courses, ICT enabled pedagogy, robust research eco-system, strong industry-institute connect, focus on imparting entrepreneurial skills, enhanced outreach activities and holistic development of students etc. The initiatives have borne fruit in the shape of improved employability of students and much wider research footprint. Following road map has been finalized by the institute for the next year with approval of its statutory bodies and in consultation with its prime stakeholders with a vision to emerge as a renowned and leading teaching-learning hub providing quality education: • Go up the ladder in ranking and accreditation framework at national and international levels like ABET etc. NIRF ranking in the range of 90-100 has been targeted both in the University and Engineering categories. • Improve the presence of international students in the campus. • Strengthen the faculty base by recruiting diverse and talented faculty from INIs and foreign universities. • Adopt and improve upon ICT based innovative pedagogical practices. • Forge industry relationships to further enhance the employability of students through imparting of latest technical and employable skills. •

Strengthen the engagement and communication with Alumni network to benefit from their skills and experience, and to improve further their participation in academic and administrative governance. • Create a robust career counseling support system for the students to provide them guidance for competitive examination and help them in career progression. • Leverage upon the existence of Technological Business Incubator in the campus to develop entrepreneurial capabilities of the students, and to help them to incubate successful startups so as to meet the objectives of Govt programmes like 'Make in India', 'Startup India' etc. • Improve Research footprint through collaborative research, academic and industry RD tie ups, strengthening research infrastructure and incentivizing of research contribution. • Provide an invigorating work environment to motivate faculty and staff. • Encourage holistic development of students through participation in extra and co-curricular activities, outreach activities and community connect programmes.