



SELF STUDY REPORT
FOR
1st CYCLE OF ACCREDITATION

GEETANJALI INSTITUTE OF TECHNICAL STUDIES , UDAIPUR

**NH-76, AIRPORT ROAD, DABOK, TALUKA MAVLI, UDAIPUR (RAJ.)-313022
313022**

www.gits.ac.in

SSR SUBMITTED DATE: 28-10-2021

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**BANGALORE****October 2021****Executive Summary*****Introduction:*****1.1 INTRODUCTION**

Geetanjali Institute of Technical Studies was established as its first institution by Geetanjali Education Society, a registered society, in 2002-03 in Udaipur to focus on making technical and professional education accessible to the students of this tribal region. It was the first Private institution of Engineering in the region and although the subject was new to the students, it progressed over the years to become a pioneer in the field of technical education. During the year 2012, it received ISO 9000:2000 certificate, making the management quality conscious.

The Geetanjali Institute of Technical Studies started offering under-graduate courses, affiliating them with Mohanlal Sukhadia University, Udaipur under the provisions of the self-financing institutions of the state government. In 2006, the Institute got affiliated with the state technical university i.e. Rajasthan Technical University, Kota. The campus is located on an area of about 25.96 acres adjacent to NH – 76, Airport Road, Dabok, Udaipur.

Geetanjali Institute of Technical Studies has been a pioneer with quality education in the field of Engineering and Management Education. The institution started with undergraduate courses in five engineering disciplines and progressed to the present state offering B.Tech. in Civil, Computer Science, Electrical, Electronics and Communication, Mechanical Engineering; M.Tech. Courses in Computer Science, Digital Control, Power Systems and Industrial Engineering and Management; MCA and MBA degree approved by AICTE and affiliated to states technical university RTU, Kota.

The institution has set up an Internal Quality Assurance Cell (IQAC) to assure meeting the quality standards set by accrediting agencies, and it has developed the vision, mission & objectives, keeping the addition of new programmes in view. The statements were drafted taking inputs from all the stakeholders before finalization.

Vision:

To achieve excellence in Technical and Management Education through quality Teaching and Innovation.

Mission:

1. To provide an excellent learning environment to produce socially responsible and productive technical professionals.
2. To set up the state-of-the-art facilities for quality education and innovation.
3. To impart knowledge & Skills leading to shaping a budding manager as a quality executive.
4. To encourage for life-long learning and team-based problem solving through learning environment.

SWOC

Institutional Strength :

- The institution campus is spread in 25.36 acre area with green and clean landscape.
- More than 30,000 sq. m. build up spaces for academics, residences and other facilities.
- Well-furnished hostels with 600+ capacity; separate mess for boys and girls; in house medical facility with qualified doctor; cafeteria and ATM.
- Sports facility for cricket, football, volleyball, etc.; indoor games and well equipped gymnasium, are available for overall development of students, with separate timing for boys & girls.
- Retained for a long time, the faculty is well qualified, experienced and motivated, using ICT tools & innovative teaching pedagogy.
- All labs are equipped with equipment and state of art instruments more than prescribed in affiliating university syllabus. .
- The wi-fi campus offers state of the art ICT facilities for teaching-learning experience.
- Library facility (more than 50000 books) with digital access to e-resources; book bank facility and regular procurement of new books as per need.
- An innovation and incubation lab providing support to students in converting their ideas into reality.
- Provision for extending financial support for research, innovation and patents.
- Scholarship/freeship to large number of students on merit cum need basis.
- Strong linkages with industry through MOUs signed for training and placements.
- Industry ready program partnership with 'Thermax' and 'GE Healthcare'.
- Effective academic delivery & mentoring system providing continuous guidance to students.
- Institution is well recognized in neighboring community due to regular outreach and extension & social activities.
- Regular interaction with alumni to establish strong linkages and their support for campus development, placements and other activities.

- A cell created for effective career counselling and placement through mock and preparatory activities.
- Only self-financing private institute in southern Rajasthan with NBA accredited engineering and Management Programs.
- Regularly organizing extra-curricular, Co-curricular and NCC/NSS activities as part of annual activity calendar.
- Environment friendly & energy conservation practices- Grid connected Solar PV system, solar water heater and biogas utilization; water conservation and harvesting.
- Regular practice of annual internal academic & green audits followed by external audit.

Institutional Weakness :

- Being self-financing private institution, limited finance availability.
- Lack of International collaborations.
- Limited number of sponsored research.
- Limited faculty involved in research and publications.

Institutional Opportunity :

- The efforts of the institution in revenue generation through consultancy and engineering/management support to local industry is successful & will give priority over others.
- Interest of the meritorious and more students for admission in various programs in GITS lead to closure of some institution in the area.
- The efforts to attract well qualified and experienced faculty with research aptitude.
- Encouraging the staff & students to participation and winning national competitions on innovations.
- The schemes of the institution for conducting training & add-on-courses develops additional skill enhancing their employability and good placements.
- The institution is successful in the Revenue generation through resource sharing for future development.
- The subscribing to GATE Tutor and other software for preparing the students for competitive exams and higher studies.
- Post NBA accreditation, the institution qualifies for AICTE & government schemes to support research, innovation, and startups.

Institutional Challenge :

- Declining interest in engineering education among youth and increase in intake in state owned institutions affects the admissions and their quality.

- The qualified and talented staff moved to the government owned institutions at first opportunity as such the retention of the staff is a challenge.
- Enhancing the admissions and placements in core branches.
- With creation of competitive scheme by the affiliating university, I retaining the `A` grade ranking of the institute.
- The financial status of economically weaker population in the area is a challenge as the students wish to study but families are not in a position to support them.

Criteria wise Summary

Curricular Aspects :

The institute follows the academic regulations of the affiliating university. Internally, institute frames well-structured plan and implementation strategies for curriculum delivery. A 'Teacher's Record Book (TRB)' is prepared for every course containing day wise topics to be taught, additional topics, expert's lectures, objectives and outcome of each course along-with the continuous internal assessments. The institute prepares its academic calendar on the guidelines of the calendar provided by affiliating university. The teachers are involved in question paper setting and evaluation of the university examination answer scripts and even some teachers had been on the Academic council/BOS of the affiliating university and contributed in curriculum design. Institute organises add-on certificate programs regularly which are attended by most of the students. Additionally, students have the option to complete NPTEL courses during their graduation to earn extra credits and get a degree with Honours by completing 20 such extra credits. The university has not introduced the CBCS in any UG/PG programme in any affiliated institute; however, the system of electives is available in every program run by the institute.

The university syllabus has linkages to the socio cultural and cross cutting issues including offering a compulsory paper on Universal Human Values (UHV). The institute has worked upon the downtrodden and marginalized community groups, particularly gender based and human values. All the students compulsorily undertake field study. The institution has adopted structured & well defined feedback system from students, alumni, employer, parents and staff, which is reviewed regularly and action taken, reported to the management and placed on website.

Teaching-learning and Evaluation :

As per the government policy, no reservation of seats is there for private self-financed institutes. However, the institute admits many students from reservation category and provide them all the supports. The institution has developed the mechanism to identify learning level of students, which are categorized based on marks obtained in internal assessments. The advance learners are given additional reading/study assignments and involved in management of academic activities. The weaknesses of slow learners are identified & dealt through library assignment, remedial/extra classes, one to one meeting with subject teacher, etc. All the teaching posts created as per requirement of the university are filled with qualified faculty maintaining students to faculty ratio around 20:1. The institute also has a provision for appointing visiting faculty from Academia/industry. With the Outcome Based Education philosophy, the academic delivery is student centric; encouraging and motivating the students to actively participate in learning, Problem solving, raising questions and discussions; and, number of workshops are organised for deep learning by involvement and hands on practice. Every course is defined with specific Course Outcomes (COs) which are further mapped with Program Outcomes (POs) and Program Specific Outcomes (PSOs); the attainments are evaluated using direct and indirect assessment tools. Through

industrial partners, industry ready programs are also run by the institute. The Institution has fostered use of ICT with multi-media-based learning in class room.

The Institution has adopted policy of continuous internal evaluation maintaining transparency. There exists a mechanism to deal with examination related grievances at institution & university level through rechecking & revaluation.

Research, Innovations and Extension :

The institute has created a fund for supporting and motivating the staff members to submit research projects. The projects are submitted to DST-Rajasthan, DST GOI and AICTE. Institute has been provided project grants by DST-Raj, AICTE and a WASH lab with WASH chair established under IHUWASH project Sanctioned by NIUA New Delhi and Supported by USAID for Rs 20 lakh. Some of the faculties are approved by RTU for guiding research and many faculty members have good publications in research journals and written books/chapter. Many departments are extending the consultancy services also to industries.

The institute has created a good ecosystem for innovation through its Innovation and Incubation Centre. Many innovations have made their way to national level and recently won in SIH 2020 and Agri-India Hackathon. The center provides platform to launch and develop start-ups into scalable, viable and profitable businesses. With the support of institute, 4 patents have been published and few more are in pipeline.

The Institution is actively involved in social and community activities such as creating awareness, blood donation, Swachh Bharat, anti-tobacco rallies, etc. More than 75% students actively participate through various cells. The district administration has also appreciated the contribution of the institute in providing isolation facility with food, etc. to COVID-19 migrants.

The institute has MoUs with many corporates including Thermax, Pyrotech, Pacific, etc. for providing internship and specialised trainings to the students. GE-Healthcare has established a centre of advance training with a support of more than 80 lakh in the institute.

Infrastructure and Learning Resources :

The institution has created the infrastructure more than the requirement set by AICTE/RTU. With large land area and built-up area, it has made provision for all the labs, class rooms, seminar halls, etc. which are all well-furnished and equipped with ICT devices. The campus is Wi-Fi enabled and providing free access to many subscribed eResources to all. Every department has its own computational labs with sufficient computers and applications.

It has facilities for outdoor games (cricket, football, hockey, volley ball) and indoor games (Table tennis, chess, and carom); a full gymnasium is available for the students and staff in the campus; two open amphitheatres and one big hall for cultural activities. A new auditorium cum sports complex is under construction.

The institute keeps on adding new learning resources and renewal of subscriptions are done regularly in the library, which is managed through library automation application SOUL. All the departmental labs are equipped with required equipment as per the curriculum and being regularly updated as and when needed.

The campus is well maintained through structured system of the maintenance of the facilities in its own workshop hiring full time electrician, part time plumber & Carpenter and on call civil mason. It has 600+ capacity hostels separately for boys and girls with medical facility, mess & cafeteria. Solar water heaters are installed for hot water.

Student Support and Progression :

The State government's provision of scholarship to economically weaker sections including reserved category students is benefiting 60-90 students annually. Also the institute has a provision for scholarship to meritorious students and also provided support to many needy students besides providing free book bank facilities. Recently, a provision for waiver of full tuition fee of students, whose parent fell victim of COVID-19, has been introduced which benefitted more than 10 students.

As a Capacity Building Programmes for the students, the Career Development Centre under Training and Placement office organises special trainings for soft skill, communication skills and aptitude on regular basis through-out the session. Language classes using Institution language lab; holding Yoga sessions, Self-defence and meditation for the staff, students & neighbours, are some of the regular features. The career counselling and guidance helped a lot in securing good placements and clearing exams like SSB, GATE, Etc.

There exists a Grievance Redresser Cell, receiving grievances online/personally maintaining secrecy, for resolving the grievances of the faculty, staff and the students; working on a protocol, involving its analysis, opportunity of hearing the aggrieved parties, discussion and then taking action.

Every year, students have been participating in Inter Institution Tournaments/cultural events and winning medals. The student's representatives and clubs are engaged in institution's activities, such as fresher's day, annual sports & games meet, annual & foundation day etc. A strong alumni connect is maintained by institute through Alumni forum, social media groups, and annual meet. The members of alumni society contributes generously for student activities.

Governance, Leadership and Management :

The institute management is continuously working in tune with the vision of providing quality education in engineering and management. The quality conscious attitude and close monitoring brings in improved delivery of faculty and performance of students. The stakeholders are actively encouraged to participate and voice their perspectives for effective decision making & policy formulation. The Institute is committed for continual improvement in its performance for student's highest satisfaction. For day to day working, following the principles of participatory management, powers are delegated to various incharges and documented in policy document of the institution. For strategic planning, the institute has prepared the Perspective Plan 2018-28 and is following the same. A mid-plan audit and review has been done recently.

The Annual Appraisal system is in place as per the HR policy. Training programmes are also conducted for non-teaching staff. The Director is academic & administrative head enjoying full administrative & financial powers. The institution has conducted several FDPs, Annual National Conference, STTP and all the teachers have attended these courses internally or organized by other institutions.

Regular internal and external financial audits are conducted as provided in Act of the Registration of Societies. The Institution has successfully mobilized funds from various non-governmental bodies as well, which included industries for extending consultancy services, TCS by providing the facilities for conduct of examinations, etc. The fee collected is utilized for academic & administrative activities.

The IQAC is active and has contributed significantly for institutionalizing the Quality Assurance Strategies and processes in academics. It reviews and takes corrective measures for effective delivery of learning processes.

Institutional Values and Best Practices :

The institute sensitizes its students towards gender equity and fair treatment during the induction/orientation programs every year. The women empowerment cell looks after gender issues and supporting the girl students. The rest rooms & common rooms for the girls have been provided with adequate security measures.

Implementing green policy for power, water saving & harvesting and waste disposal; the institute has installed 200 KW solar roof top grid connected system, more than 13000 litre capacity of solar water heater, 6 cub.m. biogas plant for bio-degradable waste and proper water harvesting by channelizing run-off into the pond in vicinity. Other wastes are also taken care appropriately. The Green Audit of the campus has been conducted. For disabled, special arrangements are made for mobility, in wash rooms and a lift has been installed.

To maintain communal harmony and cultural tolerance among the staff and students- festivals, talks on religious issues, sharing sentiments, constitutional provisions on rights & duties to the nation & society are regular activities conducted. These also form the part of Code of conduct, Ethics and Social Responsibility. The national festivals and programmes such as swachhata, yoga day, Engineers day, etc. are regularly organized. The institution has identified two best practices every year.

Profile

BASIC INFORMATION

| Name and Address of the College | |
|---------------------------------|---|
| Name | GEETANJALI INSTITUTE OF TECHNICAL STUDIES , UDAIPUR |
| Address | NH-76, Airport Road, Dabok, Taluka Mavli, Udaipur (Raj.)-313022 |
| City | Udaipur |
| State | Rajasthan |
| Pin | 313022 |
| Website | www.gits.ac.in |

| Contacts for Communication | | | | | |
|----------------------------|---------------------|-------------------------|------------|--------------|-------------------------|
| Designation | Name | Telephone with STD Code | Mobile | Fax | Email |
| Director | Vikas Misra | 0294-2657800 | 9414004492 | 0294-2657804 | dirgits@gmail.com |
| IQAC / CIQA coordinator | Dr. Sudhakar Jindal | 0294-2657801 | 9414164420 | 0294-2657803 | directoriqac@gits.ac.in |

| | |
|----------------------------------|----------------------------|
| Status of the Institution | |
| Institution Status | Private and Self Financing |

| | |
|----------------------------|--------------|
| Type of Institution | |
| By Gender | Co-education |
| By Shift | Regular |

| | |
|--|----|
| Recognized Minority institution | |
| If it is a recognized minority institution | No |

| | |
|--------------------------------------|------------|
| Establishment Details | |
| Date of establishment of the college | 01-01-2003 |

| | | |
|---|--------------------------------|-------------------------------|
| University to which the college is affiliated/ or which governs the college (if it is a constituent college) | | |
| State | University name | Document |
| Rajasthan | Rajasthan Technical University | View Document |

| | | |
|-----------------------------------|-------------|----------------------|
| Details of UGC recognition | | |
| Under Section | Date | View Document |
| 2f of UGC | | |
| 12B of UGC | | |

| | | | | |
|--|--|---------------------------------------|---------------------------|---|
| Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC) | | | | |
| Statutory Regulatory Authority | Recognition/Approval details Institution/Department programme | Day,Month and year(dd-mm-yyyy) | Validity in months | Remarks |
| AICTE | View Document | 30-06-2021 | 12 | Every year renewable of affiliation process is there from AICTE New Delhi |

| |
|----------------------------|
| Details of autonomy |
|----------------------------|

| | | | | |
|--|---|------------|----------------------|--------------------------|
| Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges? | No | | | |
| Recognitions | | | | |
| Is the College recognized by UGC as a College with Potential for Excellence(CPE)? | No | | | |
| Is the College recognized for its performance by any other governmental agency? | No | | | |
| Location and Area of Campus | | | | |
| Campus Type | Address | Location * | Campus Area in Acres | Built up Area in sq.mts. |
| Main campus area | NH-76, Airport Road, Dabok, Taluka Mavli, Udaipur (Raj.)-313022 | Rural | 25.36 | 33715 |

ACADEMIC INFORMATION

| Details of Programs Offered by the College (Give Data for Current Academic year) | | | | | | |
|--|---|--------------------|--|-----------------------|---------------------|-------------------------|
| Program Level | Name of Program/Course | Duration in Months | Entry Qualification | Medium of Instruction | Sanctioned Strength | No.of Students Admitted |
| UG | BTech,Department Of Electronics And Communication Engineering | 48 | Passed Senior Secondary with Physics and Mathematics | English | 60 | 28 |
| UG | BTech,Department Of Electrical Engineering | 48 | Passed Senior secondary with Science Physics and Mathematics | English | 60 | 14 |
| UG | BTech,Department Of Computer Science And Engineering | 48 | Passed Senior Secondary With Science Physics and Mathematics | English | 120 | 120 |
| UG | BTech,Department Of Civil Engineering | 48 | Passed Senior Secondary with Science Physics and Mathematics | English | 60 | 32 |
| UG | BTech,Department Of Mechanical Engineering | 48 | Passed Senior Secondary with Physics and Mathematics | English | 120 | 55 |
| PG | Mtech,Department Of Electronics And | 24 | Passed B.Tech in ECE and allied branches | English | 12 | 1 |

| | | | | | | |
|----|--|----|---|---------|----|----|
| | Communication Engineering | | | | | |
| PG | Mtech,Department Of Electrical Engineering | 24 | Passed B.Tech in Electrical Engg. allied branches | English | 12 | 3 |
| PG | Mtech,Department Of Computer Science And Engineering | 24 | Passed B.Tech in CSE and IT | English | 18 | 9 |
| PG | Mtech,Department Of Mechanical Engineering | 24 | Passed B.Tech | English | 12 | 1 |
| PG | MBA,Department Of M B A | 24 | Passed Graduate | English | 60 | 58 |
| PG | MCA,Department Of M C A | 24 | Passed Graduate BCA B.Sc. Computer science or B. Sc. IT | English | 45 | 23 |

Position Details of Faculty & Staff in the College

Teaching Faculty

| | Professor | | | | Associate Professor | | | | Assistant Professor | | | |
|---|-----------|--------|--------|-------|---------------------|--------|--------|-------|---------------------|--------|--------|-------|
| | Male | Female | Others | Total | Male | Female | Others | Total | Male | Female | Others | Total |
| Sanctioned by the UGC /University State Government | 0 | | | | 0 | | | | 0 | | | |
| Recruited | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yet to Recruit | 0 | | | | 0 | | | | 0 | | | |
| Sanctioned by the Management/Society or Other Authorized Bodies | 14 | | | | 17 | | | | 96 | | | |
| Recruited | 12 | 2 | 0 | 14 | 14 | 3 | 0 | 17 | 88 | 8 | 0 | 96 |
| Yet to Recruit | 0 | | | | 0 | | | | 0 | | | |

Non-Teaching Staff

| | Male | Female | Others | Total |
|---|------|--------|--------|-------|
| Sanctioned by the UGC /University State Government | | | | 0 |
| Recruited | 0 | 0 | 0 | 0 |
| Yet to Recruit | | | | 0 |
| Sanctioned by the Management/Society or Other Authorized Bodies | | | | 69 |
| Recruited | 57 | 12 | 0 | 69 |
| Yet to Recruit | | | | 0 |

Technical Staff

| | Male | Female | Others | Total |
|--|------|--------|--------|-------|
|--|------|--------|--------|-------|

| | | | | |
|---|----|---|---|----|
| Sanctioned by the UGC /University State Government | | | | 0 |
| Recruited | 0 | 0 | 0 | 0 |
| Yet to Recruit | | | | 0 |
| Sanctioned by the Management/Society or Other Authorized Bodies | | | | 0 |
| Recruited | 21 | 1 | 0 | 22 |
| Yet to Recruit | | | | 0 |

Qualification Details of the Teaching Staff

| Permanent Teachers | | | | | | | | | | |
|-----------------------|-----------|--------|--------|---------------------|--------|--------|---------------------|--------|--------|-------|
| Highest Qualification | Professor | | | Associate Professor | | | Assistant Professor | | | Total |
| | Male | Female | Others | Male | Female | Others | Male | Female | Others | |
| D.sc/D.Litt. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ph.D. | 12 | 2 | 0 | 9 | 7 | 0 | 0 | 1 | 0 | 31 |
| M.Phil. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| PG | 0 | 0 | 0 | 1 | 0 | 0 | 63 | 31 | 0 | 95 |

| Temporary Teachers | | | | | | | | | | |
|-----------------------|-----------|--------|--------|---------------------|--------|--------|---------------------|--------|--------|-------|
| Highest Qualification | Professor | | | Associate Professor | | | Assistant Professor | | | Total |
| | Male | Female | Others | Male | Female | Others | Male | Female | Others | |
| D.sc/D.Litt. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ph.D. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| M.Phil. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Part Time Teachers | | | | | | | | | | |
|-----------------------|-----------|--------|--------|---------------------|--------|--------|---------------------|--------|--------|-------|
| Highest Qualification | Professor | | | Associate Professor | | | Assistant Professor | | | Total |
| | Male | Female | Others | Male | Female | Others | Male | Female | Others | |
| D.sc/D.Litt. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ph.D. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| M.Phil. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| Details of Visting/Guest Faculties | | | | |
|--|------|--------|--------|-------|
| Number of Visiting/Guest Faculty engaged with the college? | Male | Female | Others | Total |
| | | 4 | 0 | 0 |

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

| Program | | From the State Where College is Located | From Other States of India | NRI Students | Foreign Students | Total |
|---------|--------|---|----------------------------|--------------|------------------|-------|
| PG | Male | 105 | 0 | 0 | 0 | 105 |
| | Female | 78 | 0 | 0 | 0 | 78 |
| | Others | 0 | 0 | 0 | 0 | 0 |
| UG | Male | 979 | 5 | 0 | 0 | 984 |
| | Female | 196 | 0 | 0 | 0 | 196 |
| | Others | 0 | 0 | 0 | 0 | 0 |

Provide the Following Details of Students admitted to the College During the last four Academic Years

| Category | | Year 1 | Year 2 | Year 3 | Year 4 |
|----------|--------|--------|--------|--------|--------|
| SC | Male | 21 | 26 | 19 | 25 |
| | Female | 2 | 3 | 1 | 2 |
| | Others | 0 | 0 | 0 | 0 |
| ST | Male | 3 | 5 | 9 | 9 |
| | Female | 0 | 0 | 2 | 2 |
| | Others | 0 | 0 | 0 | 0 |
| OBC | Male | 102 | 99 | 128 | 108 |
| | Female | 16 | 30 | 22 | 19 |
| | Others | 0 | 0 | 0 | 0 |
| General | Male | 146 | 165 | 142 | 178 |
| | Female | 59 | 60 | 85 | 70 |
| | Others | 0 | 0 | 0 | 0 |
| Others | Male | 0 | 0 | 0 | 0 |
| | Female | 0 | 0 | 0 | 0 |
| | Others | 0 | 0 | 0 | 0 |
| Total | | 349 | 388 | 408 | 413 |

Provide the Following Details

| Number of Programs | Self-financed Programs offered | New Programs introduced during the last five years |
|--------------------|--------------------------------|--|
| | 11 | 0 |

Provide the Following Details

| Unit Cost of Education | Including Salary Component | Excluding Salary Component |
|------------------------|----------------------------|----------------------------|
| 73859 | 106875074 | 59410922 |

QIF**1. Curricular Aspects****1.1 Curricular Planning and Implementation*****1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process*****Answer:**

The Institute follows the guidelines and regulations notified by the affiliating university for the delivery course curriculum. The Institute frames a well-structured plan and strategies. Orientation of all the teachers is conducted in the beginning of the academic session discussing about the practice to be adopted by the Institution. They are advised to go through the University website and read the academic rules for the forthcoming programme every year and download the syllabus of the courses allotted to them and are shared with the students in the class and the website.

The teachers of the institute prepare the detailed lecture plans of the subject allotted to them in a record book called as “Teachers Record Book” [TRB] and the student’s attendance is recorded. They are required to prepare a plan which contains the curriculum planning such as day wise topics to be taught, gap filling, additional topics, continuous evaluation, expert’s lectures besides preparing the objectives and outcome of each course. The progress of the course delivery is regularly monitored by the HoD, Director and IQAC, the observations are recorded in the TRB for taking action by the teachers. The system has been appreciated by the students also as they are part to monitor the effective implementation of the structured plan.

The Institution has developed extensive action plan and practices it for effective implementation of the curriculum through the measures such as allocation of the subject based on experience, area of specialization and choice of the faculty. For preparation of the time table HoD assigns the task to a faculty member.

The practicals are conducted as per the university curriculum within and additional practicals on recent development beyond syllabus. Institutes provide teaching aids such as OHP/LCD Projectors, free Wi-Fi and NPTEL access for effective curriculum delivery.

For effective implementation & monitoring purposes such as attendance display, course coverage report, feedback of the students, etc. are displayed on notice board and web site.



| File Description | Document |
|---------------------------------|-------------------------------|
| Link for Additional information | View Document |

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Answer:

Institution mandatorily follows the academic calendar, published by affiliating university at the beginning of session, for commencement of classes, admission & enrollment, conduct of internal test, practical examinations and theory examinations. For this, the institute prepares its own Calendar of activities which includes the academic and assessment schedules as per the affiliating university calendar and other activities planned by the institute for the session. The other activities planned includes Add-on trainings, annual sports and cultural events, and other extra-curricular activities.

| GEETANJALI INSTITUTE OF TECHNICAL STUDIES, UDAIPUR | | |
|---|------------------------------------|---------------------------------|
| ACADEMIC CALANDER FOR EVEN SEM (2019-20) | | |
| | University RTU Calendar | Institution Calendar |
| Commencement of Classes | | |
| First Year | 01.01.2020 | 01.01.2020 |

| | | |
|---|------------------------------|-----------------------------|
| Second Year | 01.01.2020 | 01.01.2020 |
| Third Year | 09.12.2019 | 09.12.2019 |
| Final Year | 09.12.2019 | 09.12.2019 |
| Midterm Exams | | |
| II Sem – I Mid Term | 27.02.2020 | 27.02.2020 |
| IV Sem – I Mid Term | 03.03.2020 | 03.03.2020 |
| VI Sem – I Mid Term | 17.02.2020 | 17.02.2020 |
| VIII Sem – I Mid Term | 24.02.2020 | 24.02.2020 |
| II Sem – II Mid Term | 21.04.2020 | 21.04.2020 |
| IV Sem – II Mid Term | 27.04.2020 | 27.04.2020 |
| VI Sem – II Mid Term | 01.04.2020 | 01.04.2020 |
| VIII Sem – II Mid Term | 04.04.2020 | 04.04.2020 |
| Last Working Day | | |
| II Semester | 24.04.2020 | 24.04.2020 |
| IV Semester | 30.04.2020 | 30.04.2020 |
| VI Semester | 09.04.2020 | 09.04.2020 |
| VIII Semester | 09.04.2020 | 09.04.2020 |
| Commencement of Practical Exams | | |
| II Semester | 27.04.2020 | 27.04.2020 |
| IV Semester | 01.05.2020 | 01.05.2020 |
| VI Semester | 01.05.2020 | 01.05.2020 |
| VIII Semester | 11.05.2020 | 11.05.2020 |
| Commencement of Theory Exams | | |
| II Semester | 14.05.2020 | 14.05.2020 |
| IV Semester | 13.05.2020 | 13.05.2020 |
| VI Semester | 16.04.2020 | 16.04.2020 |
| VIII Semester | 15.04.2020 | 15.04.2020 |
| Practical Exam | | |
| II Semester | 14.05.2020 | 14.05.2020 |
| IV Semester | 13.05.2020 | 13.05.2020 |
| VI Semester | 16.04.2020 | 16.04.2020 |
| VIII Semester | 15.04.2020 | 15.04.2020 |
| | | |
| Project (VIII Semester) | 27.04.2020 to 08.05.2020 | 27.04.2020 to 08.05.2020 |
| Practical Training (After II Sem.) | 05.06.2020 to 21.06.2020 | 05.06.2020 to 21.06.2020 |
| Practical Training (After IV Sem.) | 02.06.2020 to 18.07.2020 | 02.06.2020 to 18.07.2020 |
| Practical Training (After VI Sem.) | 06.05.2020 to 30.06.2020 | 06.05.2020 to 30.06.2020 |
| Commencement of Classes for next Odd Semesters (2020-21) | | |
| II Semester | 17.08.2020 | |
| IV Semester | 02.07.2020 | |
| VI Semester | 20.07.2020 | |
| VIII Semester | 02.07.2020 | |
| | Continuous Assessment | |
| CR Meet 1 | | 31.01.2020 |

| | |
|--------------------------------|------------|
| CR Meet 2 | 20.03.2020 |
| Assignment I Submission | 22.02.2020 |
| Assignment II Submission | 21.03.2020 |
| CR Meet 1 | 30.01.2020 |
| CR Meet 2 | 19.03.2020 |
| Assignment III Submission | 22.03.2020 |
| Assignment IV Submission | 21.04.2020 |
| Assignment IV Submission | 01.05.2020 |
| Parents Teacher Meeting | 13.03.2020 |
| Attendance Display of Dec'2019 | 03.01.2020 |
| Attendance Display of January | 03.02.2020 |
| Attendance Display of February | 03.03.2020 |
| Attendance Display of March | 03.04.2020 |
| Attendance Display of April | 01.05.2020 |

| File Description | Document |
|---------------------------------|-------------------------------|
| Link for Additional information | View Document |

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

- 1. Academic council/BoS of Affiliating university***
- 2. Setting of question papers for UG/PG programs***
- 3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses***
- 4. Assessment /evaluation process of the affiliating University***

Answer: B. Any 3 of the above

| File Description | Document |
|---|-------------------------------|
| Institutional data in prescribed format | View Document |
| Link for Additional information | View Document |

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Answer: 100

1.2.1.1 Number of Programmes in which CBCS / Elective course system implemented.

Answer: 11

| File Description | Document |
|---|-------------------------------|
| Institutional data in prescribed format | View Document |
| Any additional information | View Document |
| Link for Additional information | View Document |

1.2.2 Number of Add on /Certificate programs offered during the last five years

Answer: 161

1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 12 | 45 | 84 | 17 | 3 |

| File Description | Document |
|---|-------------------------------|
| List of Add on /Certificate programs | View Document |
| Brochure or any other document relating to Add on /Certificate programs | View Document |
| Any additional information | View Document |
| Link for Additional information | View Document |

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Answer: 42.05

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 146 | 925 | 1602 | 341 | 336 |

| File Description | Document |
|---|-------------------------------|
| Details of the students enrolled in Subjects related to certificate/Add-on programs | View Document |

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

Answer:

The institution has documented the “institutional policy” which includes the code of conducts & ethics as per UGC guidelines, environment and green policy for sustainable development.

The University syllabus addresses the socio-cultural and cross cutting issues through a course component namely Social, Outreach Discipline & Extra- Curricular Activities (SODECA); and, a compulsory paper on Universal Human Values (UHV) with a lab component. For this, the institution has established a ‘Universal Human Value (UHV)’ Cell and addresses the social cause and up-liftment of the downtrodden and marginalized community groups, particularly gender based and human values as per AICTE guidelines. In university curriculum, the cross cutting issues are included, such as Cyber security in Computer Science Engg; Environmental Engineering in Civil engg, etc.

As per AICTE mandate, a week-long activity is also carried out as Student Excellence & Learning Program (SELP) for first year students every year. All the students of the Institute are encouraged to participate & are made aware of social issues and the concept of sustainability.

In addition, during week -long Orientation/Induction programme held at the beginning of the session for the newly admitted, students are sensitized about Indian constitution & flag, gender equity, professional ethics, treatment with deprived, socially backward & women, environment sustainability through energy & water conservation etc. The emphasis is also given to inculcate ethical practices and Indian values among the students.

The institution organizes these activities through NSS, NCC, environmental green policy, women harassment & empowerment cell and also through various clubs like Sports club, Music Club, Dance Club and Literary Clubs, which sensitizes on these cross cutting issues.

Gender Sensitive: Equal opportunities are given to both the genders in terms of admissions, employment, training programmes, sports activities etc. so that gender issues do not arise. Both boys and girls are members of various clubs associated with extracurricular activities and placement activities.

Women Grievances cell exists in the institute to deal with the cases based on the gender, which is headed by a female faculty. All the issues are attended immediately by taking appropriate actions.

Environment & Sustainability: All the newly admitted students are encouraged to participate in activities like tree plantation. Grid connected Solar power plant, solar water heater providing hot water in hostels and mess, bio-gas plant generating bio-gas for cooking in mess from kitchen and bio-degradable wastes, Air Quality Monitor, are some of the initiatives for environmental & sustainability awareness..

Human Values and Professional Ethics:- The curriculum of university includes the course on “Human Values” which facilitates the development of a holistic perspective among students towards life and profession.

As per AICTE norms, an **Anti- Ragging Committee** has been constituted to handle the issues pertaining to ragging. In addition the undertaking from the parents and students is taken during the admission process which is related to the anti-ragging act and making the campus ragging free. As a result, till date no case for ragging is reported.

| File Description | Document |
|---|-------------------------------|
| Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. | View Document |
| Any additional information | View Document |

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Answer: 4.03

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 27 | 33 | 27 | 21 | 21 |

| File Description | Document |
|--|-------------------------------|
| Programme / Curriculum/ Syllabus of the courses | View Document |
| MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship | View Document |
| Any additional information | View Document |

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Answer: 65.66

1.3.3.1 Number of students undertaking project work/field work / internships

Answer: 895

| File Description | Document |
|---|-------------------------------|
| List of programmes and number of students undertaking project work/field work/ /internships | View Document |

1.4 Feedback System

1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders

1) Students

2) Teachers

3) Employers

4) Alumni

Answer: A. All of the above

| File Description | Document |
|--|-------------------------------|
| Any additional information (Upload) | View Document |
| Action taken report of the Institution on feedback report as | View Document |

| | |
|---|-------------------------------|
| stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload) | |
| URL for stakeholder feedback report | View Document |

1.4.2 Feedback process of the Institution may be classified as follows:

Options:

1. Feedback collected, analysed and action taken and feedback available on website
2. Feedback collected, analysed and action has been taken
3. Feedback collected and analysed
4. Feedback collected
5. Feedback not collected

Answer: A. Feedback collected, analysed and action taken and feedback available on website

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |
| URL for feedback report | View Document |

2. Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Answer: 53.29

2.1.1.1 Number of students admitted year-wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 349 | 314 | 388 | 409 | 413 |

2.1.1.2 Number of sanctioned seats year wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 540 | 588 | 828 | 828 | 792 |

| File Description | Document |
|---|-------------------------------|
| Institutional data in prescribed format | View Document |

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Answer: 45.85

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 181 | 117 | 158 | 181 | 164 |

| File Description | Document |
|---|-------------------------------|
| Average percentage of seats filled against seats reserved | View Document |
| Any additional information | View Document |

2.2 Catering to Student Diversity

2.2.1 *The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners*

Answer:

The Institution is sensitive to this issue and has adopted a well structures process of identifying the need of the student. At the beginning of the session, a meeting of the teachers is held to discuss various issues including short listing students with their learning status through assessment of result of their qualifying examination & for newly admitted students also through a short test to assess their academic learning, which is essential as the students come from different boards. In higher classes, the students are identified through question papers of internal assesment, which are discussed in the class and based on marks obtained and their participation in solution. On the basis of the outcome, the students are also classified as advanced and slow learners.

The students make a brief presentation of their extra skills including co-curricular, games, sports, debate etc. They are also assigned the membership of the Cell, as per their interest and attached to a Mentor. The bridging of gap classes are held for those students who have not read any particular topic in their school curriculum.

Based on their level of learning, they are provided with an opportunity and environment through modified teaching method and individual mentoring.

In the higher classes the learning level is identified through short quizzes which are conducted after the completion of the each unit of the syllabus, the assignments and by asking questions.

Programmes for Advanced learners:

The advance learners are given additional reading assignments and they are also involved in management of academic activities such as workshops, extension lectures (conducting programmes, taking notes, preparing report etc.), attend special internship programmes such as webinar's and are motivated to enroll for Gatetutor and participate in test series.

The action taken is also reported in TRB

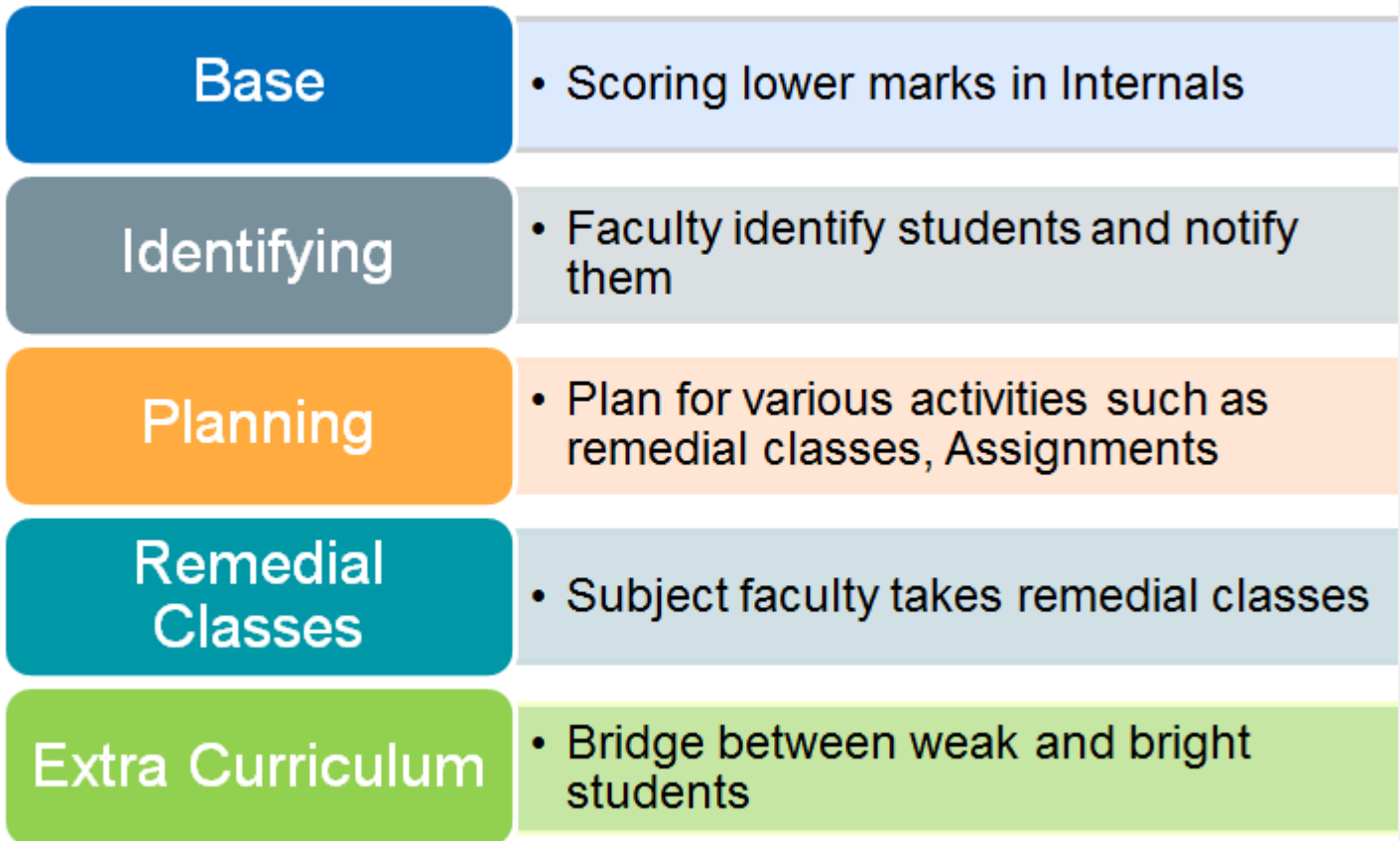
organized during session or in vacations, make a presentation in one day workshops organized in each subject. They are also assigned to prepare lecture on a topic and speak in their/junior's classes.



Programmes for Slow learners:

Their weaknesses are identified and extra classes are held on the selected topics. They are also given additional library assignments. The slow learners are given an opportunity to have one to one meeting with subject teacher, if required. The Institution on its part has been arranging learning environment for them so as to bring them up to common mark. During the years, the special classes were conducted for the subjects like Physics, Chemistry, Mathematics, English, Business Ethics, Supply Chain Logistic Management, Data Based Management etc.

The outcome of the tests and assignments are discussed by the teachers, collectively or individually aimed at identifying and meeting the special needs of the students.



| File Description | Document |
|--------------------------------------|-------------------------------|
| Upload any additional information | View Document |
| Past link for additional Information | View Document |

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Answer: 10.73

| File Description | Document |
|----------------------------|-------------------------------|
| Any additional information | View Document |

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Answer:

A complete Student centric approach is adopted to develop students as full Graduate. At GITS, all the efforts are put in to make learning a pleasure rather than a burden. To achieve this objective, teachers motivate the students to actively participate in teaching through raising their questions, participating in discussions. The students are provided supplementary materials in the form of lecture notes, handouts, quiz, PPT presentations etc. Students are also assigned group projects and activities which promote peer learning and team building through class room discussions, debates, brain storming sessions etc.; as these facilitates participative

learning. The teacher also discuss the question papers of internal test and university examinations including solution and solving numerical problems. In each course question bank based on questions from illustrated book & University question papers is created to help the students

For Participative Learning:-

1. For collaborative learning Students of GITS participate in various International/National Technical events like SIH, IDEATHON, TOYCATHON, and conferences, seminars, workshops, quiz events organized by other Institutes.
2. Industrial MoUs with Wipro Technology, Wipro-GE HealthCare, Thermax India Ltd. Red Hat, etc. to bridge the gap between industry and academia.
3. Departmental Clubs to nurture technical growth of students through various technical events and expert lectures.
4. Institutional Membership is taken of Institute of Engineers India, Computer Society of India. Inculcate a culture of research and innovation with focus on hands-on-learning.
5. Exposure to diverse learning platform through NPTEL, FOSEE, Cousera, EDx, GATETutor and Virtual Labs etc

For Experiential Learning:

To ensure experiential learning of the students, in addition to the mandatory summer internships, workshops and specialised technical trainings are frequently organized in all disciplines. The students are encouraged to acquire skill sets to build their resume. In many courses the students are given exposure to the real life problems and motivated to solve the problem by virtue of the gained knowledge. In some subjects, teachers give open book test to enhance the problem solving capacity of the students. This aimed to help the students in the use of the reading materials appropriately for preparing for the examinations. The final year project, which again is mandatory, gives an opportunity to the students for deep experiential learning and problem solving as a part of team in real life environment.

1. Students are encouraged to build Capstone projects and then integrate them to make complex ones.
2. We also have established beyond syllabus labs like Centre of Excellence in Augmented/Virtual Reality, PLC SCADA Lab, Bio-Medical Centre of Excellence, IOT Centre of Excellence etc. to train our students.
3. Field Trip, Industrial visits and Internship are encouraged.
4. Workshop and training on software/tools like STAAD-Pro, CST Microwave Studio, Proteus, MATLAB, CADANCE, Robotics, Cloud Computing, IOT, ANDRIOD. AuTOCAD, Solidworks, etc. is regularly organized.

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Answer:

The institution's staff have made it a regular practice of introducing innovative ideas with use of ICT in teaching to make the learning to the full satisfaction of the students. All the teachers are computer savvy and use ICT platform extensively. The teachers also use downloaded lectures from NPTEL etc. for teaching some selected topics.

Innovation & creativity in teaching-learning process:

1. **Use of ICT and other appropriate methods:** In addition to traditional teaching-learning methodologies, the faculty members uses relevant videos, real life case studies & examples downloaded from the open sources, PPTs, simulations, online quizzes depending on the course and the situation to create the best learning environment for the students.
2. **Enhanced learning platforms through NPTEL:** GITS have a local chapter of NPTEL and which provides learning resource to the students including free online courseware in the form of web courses and video lectures. A separate lab has been created for students to access to the NPTEL courses. Students also appear for the examination conducted by NPTEL twice a year. And have obtained Gold, Silver & Bronze Medals. We are among the top ten active chapters in India.
3. **Open access to GATE tutor:** Institution has subscribed to GATE tutor for providing the free access to students and the teachers for practicing the questions related to the topics learnt in online mode.
4. **Online Classes:** During COVID 19 Since March 2020 the Institution I providing online platform for conduction theory & practical classes in all program to meet the academic requirement as per university curriculum which the students have found to be very effective.

| File Description | Document |
|---|-------------------------------|
| Upload any additional information | View Document |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | View Document |

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Answer: 15.67

2.3.3.1 Number of mentors

Answer: 87

| File Description | Document |
|---|-------------------------------|
| Upload year wise, number of students enrolled and full time teachers on roll. | View Document |
| mentor/mentee ratio | View Document |
| Circulars pertaining to assigning mentors to mentees | View Document |

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Answer: 95.17

| File Description | Document |
|---|-------------------------------|
| Year wise full time teachers and sanctioned posts for 5years(Data Template) | View Document |

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Answer: 24.21

2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 34 | 27 | 25 | 27 | 18 |

| File Description | Document |
|--|-------------------------------|
| List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template) | View Document |
| Any additional information | View Document |

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Answer: 5.11

2.4.3.1 Total experience of full-time teachers

Answer: 648.75

| File Description | Document |
|---|-------------------------------|
| List of Teachers including their PAN, designation, dept and experience details(Data Template) | View Document |

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Answer:

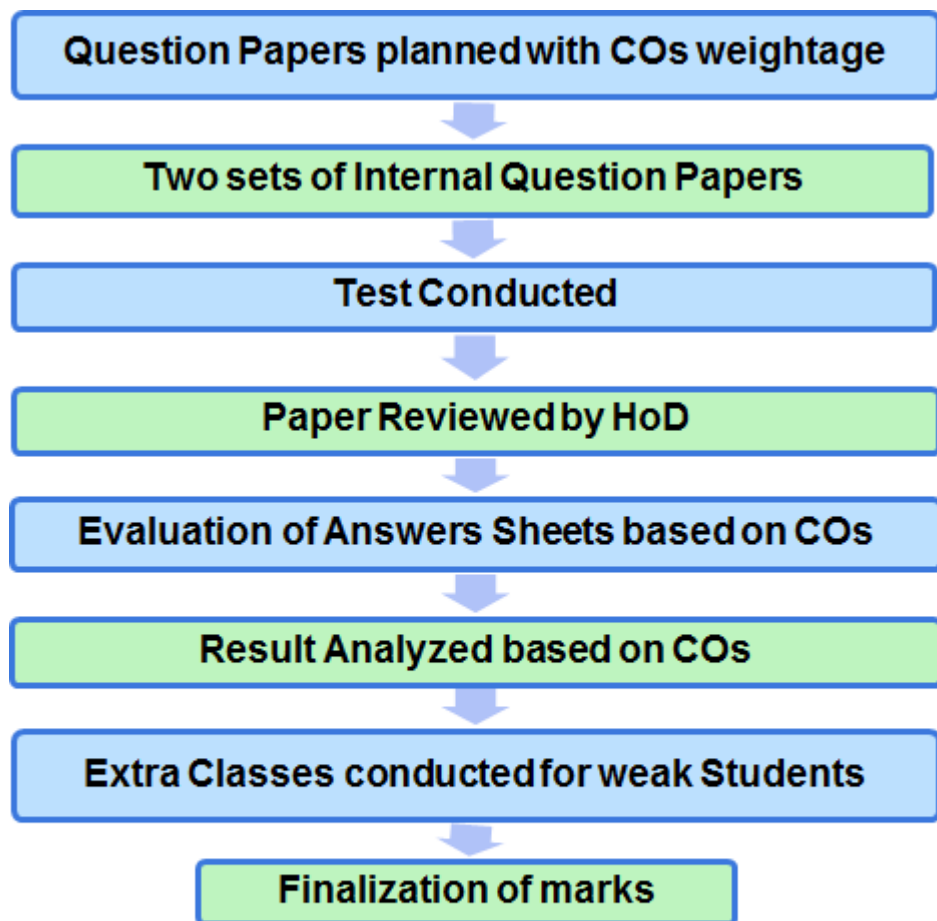
The Institution has drafted the policy of continuous internal assessment including requirement as per university academic rules. Accordingly two internal examinations are conducted; marks of these are credited in the result of the University examinations. The evaluated answer scripts are shown to the students for their verification and satisfaction, including resolving of grievance in marking if any. The corrected answer scripts are verified by Head of the Department to ensure transparency and evaluation process. The marks of both the internal tests are displayed on the website to ensure that all students & their parents are aware of the performance and evaluation process.

To make the process effectively conducted, a senior faculty member is nominated as examination incharge, who co-ordinates smooth conduct of exams and evaluation of answer sheets in all the programs. The schedule of the internal assessment is as per university academic calendar and displayed well in advance.

The teachers exercise full freedom in pattern of the question paper which may be open book, quiz or multiple choice type questions. However, they have to maintain the quality of question paper keeping university examination in view.

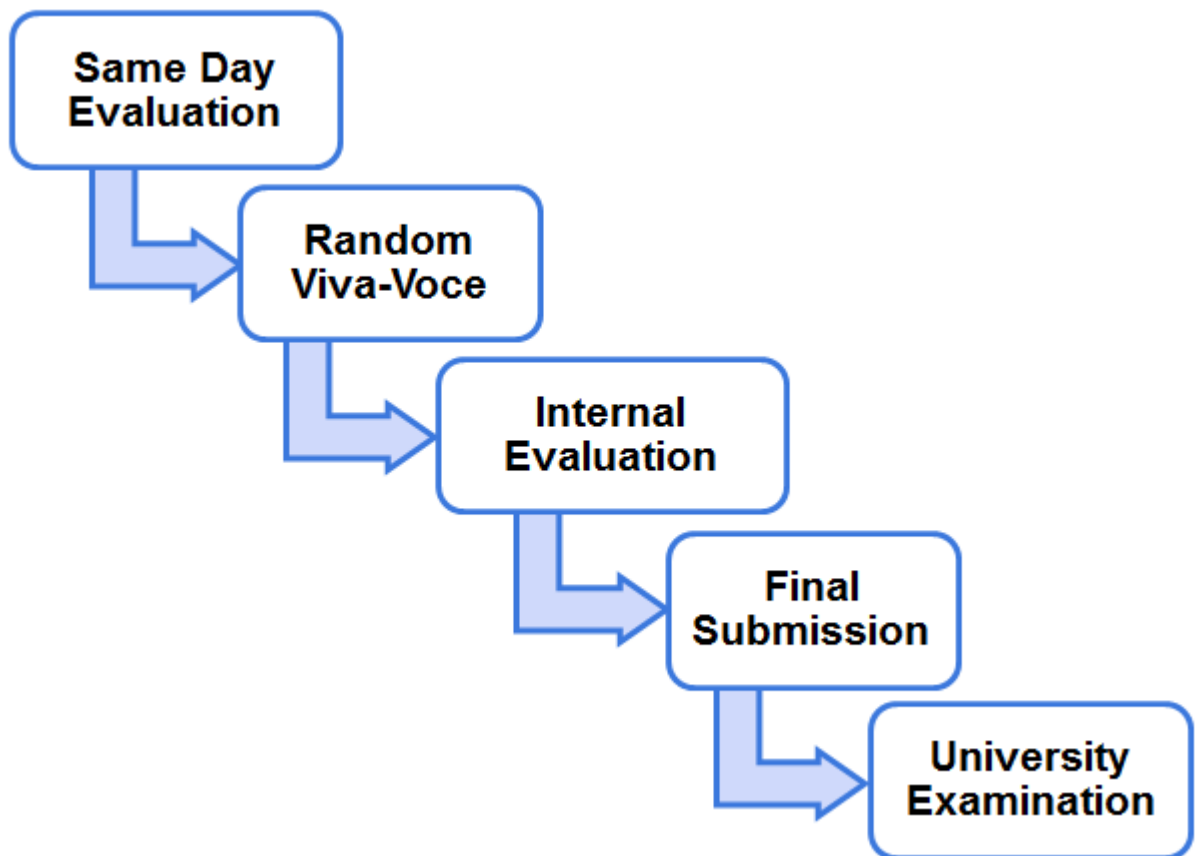
The pattern, quality and correctness of the question papers prepared by the subject teacher for the sessional test are verified by the Head of the Department. The internal documentation is maintained where the CO mapping to individual questions is mentioned in the question paper itself.

Student who do not fulfill minimum required criteria of attendance as prescribed by the university are detained from appearing in the Internal examination. The university end semester theory examinations are conducted at a center other than this Institution.



For Lab courses, day to day performance of the students is monitored for all students which include regularity, performance, viva and the promptness in submitting the record. For lab courses, the marks/grade scored by the student for each experiment is indicated in the observation / lab record.

For the quality of the projects, the evaluation is done by Project Committee (PRC) of each department, along with the project guides.



| File Description | Document |
|----------------------------|-------------------------------|
| Any additional information | View Document |
| Any additional information | View Document |

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time- bound and efficient

Answer:

All the grievances related to Internal & External examinations are addressed in a transparent, time bound & efficient manner as explained below:

At institute Level:

- The performance of the student's internal exam is shared with the students after evaluation of answer sheet by the course teacher, including the desired solutions. The Grievance of the students are attended immediately by the course teacher while showing their answer sheets and mention in the TRB and on the answer sheet.
- The students can approach the head of the department with their grievance, in case it is not sorted out by the faculty concerned.

At University Level:

In University Examinations, the students fill up their examination forms on line and they are allotted examination center by the university. To maintain total confidentiality in assessment, the answer sheets are bar coded and the evaluator will never know the identity of the student or Institution. The examination center is

under CCTV for monitoring the center at university level. The university appointed flying squad undertaken surprise visits to the examination center and conducted search of the students.

- Any malpractices during the examinations shall be booked following due process as per the University guidelines. Students who get booked shall appear before an unfair means committee constituted by the University. The aggrieved student is given an opportunity to present his case before the committee and the decision of the committee is final and binding and is conveyed to the student within the time schedule.
- **After the announcement of results, a candidate who is not satisfied with his/her results may apply for scrutiny or can challenge the evaluation by paying the applicable fees.**
- **In view-copy evaluation, the answer booklet of the student is shown to the student and re-evaluated.**
- The grievances such as data missing in the question papers, question asked from outside the syllabus are communicated to the controller of examination of the university by the concerned Center superintendent of the examination center. The university has set up a grievance committee which looks into the complaint and resolves the issue through bonus marks/otherwise.
- Any unforeseen grievances of students related to examinations that are not clearly stated in the University rules & regulations shall be resolved /addressed by the Controller of examination of the university from time-to-time.

| File Description | Document |
|----------------------------|-------------------------------|
| Any additional information | View Document |

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Answer:

For the effectiveness of teaching-learning process the POs, PSOs and COs are defined to measure the learning outcome.

Program Outcomes (POs) as stated by NBA alongwith the Program Specific Outcomes (PSOs) set by the program committee are displayed in the prominent places in all the departments and on the website. In all courses the course outcome are mentioned which are mapped with POs and PSOs.

For every course in each program, the Course Outcomes (COs) are defined and communicated to the teachers teaching the course and the students learning the course. These are displayed in the course curriculum on the institution web site in respective department link. The teachers also regularly discuss, with the students (on completion of a topic and at the end of one unit) what he had taught to them and mapped with the course outcome. On completion of every unit, the course outcome attainment is assessed by teacher through short tests, quiz, etc. and appropriate actions taken to overcome shortcomings, if any.

In the departmental orientation at the beginning of the session, HoD shares the relevance of the POs and PSOs of the program and objective of learning including beyond graduation with the students.

The COs is kept in the Teachers Record Book & course file & also uploaded on website. The COs form the basis for achieving the POs/PSOs and Mission and Vision of the Institute.

| File Description | Document |
|---|-------------------------------|
| Upload COs for all Programmes (exemplars from Glossary) | View Document |
| Upload any additional information | View Document |
| Past link for Additional information | View Document |

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Answer:

The attainment of Program Outcomes and Program Specific outcomes are assessed through the assessment of Course Outcomes attained in each course using direct assessment tools. Further the feedback from different stake holders are also taken, as indirect assessment tool, to calculate the attainment of program outcome and program specific outcome. Following are the tools used in assessment of attainment process:

Direct Assessment Tool

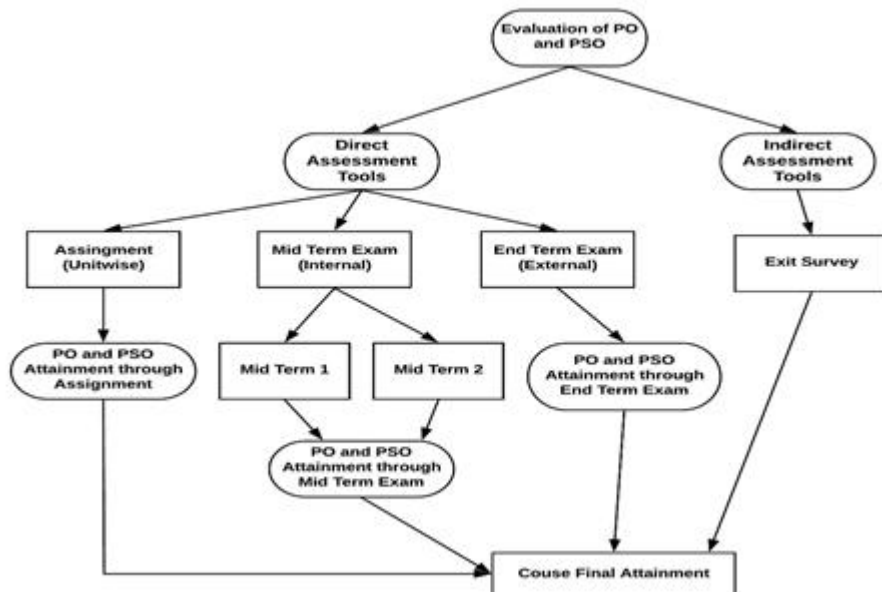
- **Internal Assessment Test:** As per university the Internal Assessment marks in a theory paper are based on two tests generally conducted at the end of 6th, 12th weeks of each semester. It is a metric to continuously assess the attainment of course outcomes w.r.t course objectives.
- **Lab Assignments:** To assess student's practical knowledge, Internal Lab assessment is one of the measuring criteria to assess with their designing capabilities. In case of Practical, the marks are based on the laboratory records, quiz and attendance.
- **Theory / Practical Semester Examination:** Semester examination (theory or practical) are conducted by the affiliating university for all the courses. An attainment sheet is prepared to assess whether all the course outcomes are attained or not.
- **Seminar:** The Internal Assessment marks in case of seminars in the final year are based on the evaluation at the end of 7th semester by a committee consisting of the Head of the concerned Department and two senior faculty members of the Department, one of whom is the seminar guide.
- **Project:** The Internal Assessment marks in the case of projects in the final year are based on the continuous evaluation during the semester and final assessment is done at the 8th semester by a committee consisting of the Head of the concerned Department and two senior faculty members of the Department, one of whom is the project guide.

Based on the above mentioned tools, attainment of course outcome is calculated first. After the calculation of the course outcome, attainment of the program outcome is calculated based on the mapping of course outcome with the program outcome.

Indirect Assessment Tool

- **Alumni Survey:** Collect variety of information about program Satisfaction and Institute from the Alumni students
- **Exit Survey:** Collect variety of information about program Satisfaction and Institute from the final year students
- **Parent Survey:** Collect variety of information about program satisfaction and Institute from parents
- **Employer's Feedback:** Collect variety of information about the graduate's skills, capabilities and opportunities
- **Student Feedback:** Collect variety of information about teaching and learning process

Final attainment is calculated by taking the 70% weightage of the direct attainment method and 30% of the indirect attainment method.



| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

2.6.3 Average pass percentage of Students during last five years

Answer: 88.88

2.6.3.1 Number of final year students who passed the university examination year-wise during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 370 | 361 | 416 | 433 | 540 |

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 390 | 394 | 486 | 504 | 625 |

| File Description | Document |
|--|-------------------------------|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View Document |
| Upload any additional information | View Document |

Paste link for the annual report

[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Answer:

| File Description | Document |
|--|-------------------------------|
| Upload database of all currently enrolled students (Data Template) | View Document |

3. Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer: 25.9

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 0.00 | 2.40 | 20.00 | 0.50 | 3.00 |

| File Description | Document |
|--|-------------------------------|
| List of endowments / projects with details of grants | View Document |
| e-copies of the grant award letters for sponsored research projects / endowments | View Document |

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Answer: 2.36

3.1.2.1 Number of teachers recognized as research guides

Answer: 3

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Answer: 14.29

3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 0 | 2 | 1 | 1 | 1 |

3.1.3.2 Number of departments offering academic programmes

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 7 | 7 | 7 | 7 | 7 |

| File Description | Document |
|---|-------------------------------|
| Supporting document from Funding Agency | View Document |
| List of research projects and funding details | View Document |

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Answer:

To create and promote a culture of innovation among the faculty and students of the Institution, GITS has established a Research lab including Institutes **Innovation Cell (IIC)** under the MoE and an **Innovation and Incubation Lab**. The purpose of the cell is to create awareness and mobilize the faculty and students towards innovation and entrepreneurship; and, identify research areas and research topics related to technology and engineering. The coordinator of the cell and heads of the respective departments serve as a facilitator to provide motivation, professional guidance, technical support, and recommendation for financial assistance.

Infrastructure: It provided availability of lab 24x7 with i7 Computers, many high-level equipped boards and components, and a Wi-Fi facility. The facilities of the institution's workshop, Labs & computer center are available for research. The teachers can also avail the facilities of additional space and get required documents in the library including online access to the journals.

Research Lab: A lab developed for multidisciplinary research purposes. Students from all branches can visit this lab and carry out all the research-related work. This lab is developed at a centralized level so students of the different domains can merge together and can do research on projects which include different disciplines.

AR-VR Lab: Augmented Reality- Virtual Reality lab is also established in college. This lab is not part of the university curriculum and is created with a motto of extension of knowledge among students. This lab encourages the student to learn the latest technology which is beyond their syllabus and how they can carry forward their learning's in this domain.

Seed Money: The management has created a fund of Rs. 5.00 lakh to provide support & encourage the staff to submit research proposals. The money is also available for the participatory amount of the institution if funding agencies have such provision. The teachers have successfully utilized this fund for submitting projects to outside agencies and received approval also.

Outcome:

- Received grant for four research projects from NIUA & USAID-WASH Lab and Pacific Industry.
- Students have won many National Level Competitions including SIH2020 (hardware), Agri-India Hackathon 2020, Texas Challenge competition, etc.

- Have published 4 patents.

For enhanced participation and involvement of students, a student club in the name of 'GITS Innovation and Entrepreneurship Club' has been started. The club is organizing many idea competitions and carrying out workshops for preparing the innovators for pitching. Recently an All India Idea competition "Ideathon 2021" was organized successfully by the institute and the club with the participation of more than 130 teams from all over the country including IITs, IIITs, NITs, and other reputed institutes.

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Answer: 13

3.2.2.1 Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years

Answer:

| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
|---------|---------|---------|---------|---------|
| 3 | 3 | 2 | 2 | 3 |

| File Description | Document |
|--|-------------------------------|
| Report of the event | View Document |
| Report of the event | View Document |
| List of workshops/seminars during last 5 years | View Document |

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Answer: 1.33

3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years

Answer: 4

3.3.1.2 Number of teachers recognized as guides during the last five years

Answer: 3

| File Description | Document |
|---|-------------------------------|
| List of PhD scholars and their details like name of the guide, title of thesis, year of award etc | View Document |

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Answer: 0.98

3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 17 | 24 | 22 | 38 | 5 |

| File Description | Document |
|--|-------------------------------|
| List of research papers by title, author, department, name and year of publication | View Document |
| List of research papers by title, author, department, name and year of publication | View Document |
| Any additional information | View Document |

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during last five years

Answer: 0.23

3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in national/international conference proceedings year-wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 5 | 5 | 3 | 6 | 6 |

| File Description | Document |
|---|-------------------------------|
| List books and chapters edited volumes/ books published | View Document |
| List books and chapters edited volumes/ books published | View Document |
| Any additional information | View Document |
| Any additional information | View Document |

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Answer:

The students of the institute under the guidance of teachers are involved in multifarious activities and work for neighborhood community awareness & development through NCC & NSS. The institution has created two units of NSS of its own besides one unit of NCC and organizes several activities. Students during Orientation are sensitized to the challenges faced in the society and observe the inequities.

The Institution has been very supportive to the local issues and extended all its facilities to the society and neighboring localities, due to which a very cordial relationship is developed between the institute & its neighboring villages & communities. They are ready to reciprocate in terms of services offered by them.

Some of the major contributions of the institute for the society and impact thereof are as follows:

1. Blood Donation Camps are organized from time to time. **More than 100 units of blood are donated** every year by students, faculty & staff members and nearby communities.
2. AICTE Village Development program: Institute is a part of AICTE village development program. Under this program institute has adopted a village near Dabok, Udaipur. The Program Coordinator with students regularly visits to the village and counsel the resident of that village about the different government schemes regarding scholarships in Higher education, loan facilities, etc. **Due to this, many students of nearby villagers have taken admission in our Institute as well as in other UG Colleges.**
3. Plantation: Institute initiates a drive of plantation every year in monsoon season. **More than 1000 plants are planted** in GITS, and are nurtured and maintained. The plantation has also been done in the campus of private medical college in town, nearby villages, and road outside campus. The plants are well maintained properly by the community.
4. An **ATM of PNB bank** is commissioned on the campus which is used by residents of the campus and also by the **nearby community**.
5. Bio Gas Project: Students of the institution has installed a Bio Gas Generation system at the campus using kitchen wastes. The cooking gas generated from the Kitchen Wastage is used in mess of the institution. **The farmers from nearby colonies are invited to visit and see** the plant so that they could also use bio gas at their farm/house.
6. Activities during COVID19: During COVID period, Institute offered its services to district administration and has actively participated for supply of food packets to inter-state migrants & nearby villagers. Faculty members of institute also donated funds for Pradhan Mantri Covid Care funds. Institute also provided its services as 'quarantine Centre' during Covid19. The District Administration Honoured college management for the services institute rendered. Total amount spent for the purpose by the institute was Rs. 26,74,881.
7. The awareness among of village Dangio ki Toos was organized on legal rights of women.
8. The citizens from the nearby areas are availing the medical services available on the campus and also invited in national festivals.

The institution is also conducted impact assessment of above extension activities

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Answer: 17

3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 7 | 4 | 3 | 2 | 1 |

| File Description | Document |
|--|-------------------------------|
| Number of awards for extension activities in last 5 year | View Document |
| e-copy of the award letters | View Document |

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

Answer: 17

3.4.3.1 Number of extension and outreach Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 03 | 05 | 3 | 3 | 3 |

| File Description | Document |
|--|-------------------------------|
| Number of extension and outreach Programmes conducted with industry, community etc for the last five years | View Document |
| Any additional information | View Document |

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Answer: 15.3

3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 141 | 360 | 431 | 136 | 134 |

| File Description | Document |
|---|-------------------------------|
| Report of the event | View Document |
| Average percentage of students participating in extension activities with Govt or NGO etc | View Document |

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Answer: 16

3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 04 | 06 | 03 | 01 | 02 |

| File Description | Document |
|---|-------------------------------|
| Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship | View Document |

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Answer: 17

3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 04 | 05 | 05 | 01 | 02 |

| File Description | Document |
|---|-------------------------------|
| e-Copies of the MoUs with institution/ industry/corporate houses | View Document |
| Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years | View Document |

4. Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Answer:

The Institute is having land area of about 26 acre with more than 30000 sqm built up area. It has 5 academic blocks housing the facilities for teaching –learning. The available facilities are more than specified by AICTE in almost all categories as evident from the following details:

Availability of Instructional Facility (in Sq.m.) UG/PG

| S.No. | Type | Area Required as | Area Available in | No. of Rooms |
|-------|------|------------------|-------------------|--------------|
| | | | | |

| | | per AICTE | College | Available |
|----|----------------------------|-----------|---------|-----------|
| 01 | Class Room & Tutorial Room | 2049 | 3993 | 49 |
| 02 | Additional Workshop/Labs | 200 | 400 | 4 |
| 03 | Class Room (PG) | 198 | 199 | 6 |
| 04 | Laboratory - All | 2508 | 5477 | 76 |
| 05 | Workshop - Basic | 200 | 489 | 1 |
| 06 | Drawing Halls | 132 | 276 | 2 |
| 07 | Seminar Hall | 396 | 1056 | 8 |

Availability of Administrative Area (in Sq.m.)

| S.No. | Type | Required as per AICTE | Available in College |
|-------|---------------------------------|-----------------------|----------------------|
| 01 | Director Office | 30 | 66 |
| 02 | Board Room | 20 | 43 |
| 03 | Office all inclusive | 300 | 795 |
| 04 | Department office/cabin for HOD | 180 | 240 |
| 05 | Central Store | 30 | 55 |
| 06 | Maintenance | 10 | 12 |
| 07 | Security | 10 | 16 |
| 08 | Housekeeping | 10 | 13 |
| 09 | Pantry for staff/faculty | 10 | 10 |
| 10 | Exam Control Office | 30 | 34 |
| 11 | Training Placement office | 30 | 60 |

Availability of Computational Facilities

| S.No. | Type | Required as per AICTE | Available in College |
|-------|-----------------------|-----------------------|----------------------|
| 01 | Internet Bandwidth | 64 Mbps | 155 Mbps |
| 02 | Printers | 21 | 30 |
| 03 | Legal Application S/W | 50 | 89 |
| 04 | Legal System S/W | 7 | 250 |
| 05 | PCs to Student ratio | 391 | 720 |

Availability of Library Facility

| S.No. | Type | Required as per AICTE | Available in College |
|-------|-----------------------------|-----------------------|----------------------|
| 01 | Volumes | 27550 | 67706 |
| 02 | Titles | 5600 | 9296 |
| 03 | National Journal | 108 | 114 |
| 04 | Library Management Software | 1 | 1 |
| 05 | Reading Room Capacity | 150 | 165 |
| 06 | Multimedia PC | 10 | 15 |

Availability of Instructional Area-Common Facilities (in Sq.m.)

| S.No. | Type | Required as per AICTE | Available in College |
|-------|--------------------------|-----------------------|----------------------|
| 01 | Computer Center | 150 | 150 |
| 02 | Library and Reading Room | 453 | 736 |
| 03 | Language Laboratory | 33 | 66 |

The institution has created medical facilities on the campus. A doctor visits the campus every day and the students are provided free consultation and medicines in emergency cases. The facility has also been extended to nearby villages.

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Answer:

The institution has adequate facilities to promote extracurricular activities as mentioned below:

Facilities for Cultural Activities

The institute has well maintained Amphitheater, open air theater, two green open ground and three seminar halls for organizing various indoor and outdoor cultural activities on regular basis. One auditorium with sports complex is under construction with state-of-art facilities with a seating capacity of 500.

The institute has active Student Clubs like Dance & Drama Club, Music Club and Literary club wherein the students are provided with a platform to participate in various Cultural, Arts & Literary activities at inter & intra-collegiate level. Every year GITS organizes annual programme “FESTEZAAR”, Fresher’s Day and Orientation Day for newly admitted students, Sports Day, Farewell Party etc. During these events, talents of the students are established through on-stage and off-stage events like Solo Dance, Group Dance, Solo Singing, Group Singing, Mime etc.

Facilities for Sports & Games:

The Institution has games facilities for the football, Hockey, volleyball, cricket, Basket Ball, Badminton, Table Tennis and other indoor games. Students are motivated and are allowed for practice sessions, organized by GITS, to prepare them for participation in National Sporting Events.

Students participated in National Inter University Sports events of Chess. Students also participate in the annual Sports & Games meet in GITS and also take part in events held in other Institutions & Universities like, Singhania University, Malviya National Institute of Technology etc. Students of GITS have won first prize in volleyball at Singhania University.

Facilities for Yoga:

The facilities for holding yoga classes included Yoga mats, music system and video. The students of hostel are encouraged to participate in Yoga every day morning in hostel chowk. The International Yoga day is celebrated in Amphitheater where open space with the stage of size 15’ X 39’ is available.

Gymnasium

The institute has a well-equipped gymnasium of 66 Sq m area for boys and girls. There are various types of machines such as Leg Pull-Down, Leg Extension, Butterfly, Hack Squat, Cable-Cross Bar, Flat Bench, Incline Bench, Decline Bench, Biceps machine, etc. It is used regularly by students during 4 PM – 6 PM with separate session for boys & girls.

| File Description | Document |
|---------------------------------------|-------------------------------|
| Upload any additional information | View Document |
| Paste link for additional information | View Document |

4.1.3 Percentage of classrooms and seminar halls with ICT-enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Answer: 44.9

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Answer: 22

| File Description | Document |
|---|-------------------------------|
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View Document |
| Upload any additional information | View Document |

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Answer: 3.48

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

Answer:

| | | | | |
|---------|----------|----------|----------|----------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 4.32629 | 16.88579 | 0.920787 | 28.03485 | 83.65356 |

| File Description | Document |
|--|-------------------------------|
| Upload Details of budget allocation, excluding salary during the last five years (Data Template) | View Document |
| Upload audited utilization statements | View Document |
| Upload any additional information | View Document |

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Answer:

Library Automation: For library automation SOUL software (Library management software) –version 2.0 is used since 2009 which is developed by INFLIBNET, Ahmedabad. All library books have barcodes and user cards are also computerized.

A room with 15 computer station is provided to access NPTEL learning e-resources including video lectures and acemic material.

Remote access of the library facilities can be avail by staff ansd students for e-books, journals(Delnet), and others open sources learning materials.

| | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2020-21 |
|------------------|---|---------|---------|---------|---------|
| Name of Software | SOUL software (Library management software) | √ | √ | √ | √ |
| Nature | Fully | √ | √ | √ | √ |
| Version | Version 2.0 | √ | √ | √ | √ |
| Year | 2009 | √ | √ | √ | √ |

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

4.2.2 The institution has subscription for the following e-resources

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

Answer: B. Any 3 of the above

| File Description | Document |
|--|-------------------------------|
| Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template) | View Document |

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e- journals during the last five years (INR in Lakhs)

Answer: 6.93

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)

Answer:

2020-21 2019-20 2018-19 2017-18 2016-17
 2.18905 9.77115 5.89681 8.71188 8.10381

| File Description | Document |
|---|-------------------------------|
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template) | View Document |
| Audited statements of accounts | View Document |

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

Answer: 1.01

4.2.4.1 Number of teachers and students using library per day over last one year

Answer: 15

| File Description | Document |
|---|-------------------------------|
| Details of library usage by teachers and students | View Document |

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Answer:

The Institute has vast IT infrastructure with good quality of IT facilities. GITS have more than 760 Computer systems, all with LAN connectivity and internet ready. Total 11 Computer Labs with capacity of 60 & 30 computers are there in the institute. The Computers are regularly updated and renovated including installation of new peripherals etc. The entire campus including the class rooms are Wi-Fi enabled. The free internet facility is provided to all the students with flawless internet connectivity.

A dedicated IBM BLADE server is installed to save all the data related of institution and a System Administrator is maintaining the Server.

The facilities are well maintained and sufficient budget has been provided by the management.

Year wise up gradation of IT infrastructure and Wi-Fi is given in the table below:

Hardware Updated:

| SN | Particular | Quantity | Date | Amount |
|----|----------------------------------|----------|------------|---------|
| 1 | Lenovo E73 CPU | 100 | 2015.02.04 | 2830000 |
| 2 | Cyberoam 200iNG | 1 | 2016.01.07 | 360000 |
| 3 | Smart Class Setup | 1 | 2016.02.01 | 292264 |
| 4 | Compaq F191 18.5" TFT Monitor | 60 | 2016.05.23 | 312000 |
| 5 | HP 280 G2 (core i3/4 GB/500 GB) | 70 | 2016.05.23 | 2583000 |
| 6 | Compaq V194 18.5" TFT Monitor | 70 | 2016.05.23 | 493540 |
| 7 | 5KVA Techser Online UPS | 10 | 2016.06.29 | 936734 |
| 8 | 2MP Securus IP Camera | 6 | 2016.07.05 | 33000 |

| | | | | |
|----|------------------------------------|----|------------|--------|
| 9 | 2MP Securus 20X optical Zoom PTZ | 1 | 2016.07.05 | 32500 |
| 10 | 24 port GBPS Digisol POE Switch | 1 | 2016.07.05 | 21000 |
| 11 | 32 Channel Securus NVR | 1 | 2016.07.05 | 21825 |
| 12 | HP 280 G2 (core i3/4 GB/500 GB) | 30 | 2016.07.23 | 848820 |
| 13 | Compaq V194 18.5" TFT Monitor | 30 | 2016.07.23 | 211517 |
| 14 | Epson EB-X31 Projector | 3 | 2016.12.01 | 110043 |
| 15 | 18U Network Rack | 4 | 2016.12.01 | 43905 |
| 16 | 2 TB External HDD | 2 | 2016.12.01 | 15356 |
| 17 | DGS 1210-28 24 port switch | 8 | 2016.12.01 | 74844 |
| 18 | Biometric ESSL K30 | 10 | 2016.12.01 | 68124 |
| 19 | Apple MAC Book AIR 13" | 4 | 2017.01.17 | 234000 |
| 20 | HP Laptop (i3 6G/1TB/8GB/15.6/DOS) | 4 | 2017.01.17 | 122000 |
| 21 | Nikon D5200 | 1 | 2017.01.25 | 36000 |
| 22 | Apple I MAC | 1 | 2017.04.25 | 97250 |
| 23 | 2MP Securus IP Camera | 50 | 2018.03.22 | 165000 |
| 24 | 32 Channel Securus NVR | 2 | 2018.03.22 | 59800 |
| 25 | 8 Port GBPS PoE Switch | 8 | 2018.03.22 | 46400 |
| 26 | 27" HP TFT Monitor | 1 | 2019.04.24 | 34400 |
| 27 | HTC VIVE | 1 | 2019.05.23 | 57500 |
| 28 | HP 790-0026 IN | 1 | 2019.05.24 | 123700 |
| 29 | Quantum web cam | 56 | 2019.10.15 | 16611 |
| 30 | HP CPU (core i5/8GB/120 GB) | 60 | 2019.10.24 | 725700 |
| 31 | Logitech Web Cam | 4 | 2020.01.07 | 77966 |
| 32 | Compaq 18.5" LED TFT Monitor | 30 | 2020.01.20 | 115200 |
| 33 | HP Keyboard & Mouse | 30 | 2020.01.21 | 16500 |
| 34 | Epson Projector | 7 | 2020.01.30 | 210547 |
| 35 | Logitech Conference Web Cam | 2 | 2020.12.08 | 38983 |
| 36 | Logitech web cam | 1 | 2020.12.25 | 19491 |

Software Updated:

| SN | Particular | Date | Amount |
|----|----------------------------|------------|--------|
| 1 | Language LAB Softare | 2016.03.05 | 140000 |
| 2 | MS Dream Spark Premium | 2016.04.29 | 35002 |
| 3 | Microsoft Campus Agreement | 2016.05.19 | 165507 |
| 4 | Microsoft Campus Agreement | 2017.06.27 | 166200 |
| 5 | Microsoft Campus Agreement | 2018.05.28 | 169330 |
| 6 | Microsoft Campus Agreement | 2019.06.12 | 169330 |
| 7 | Microsoft Campus Agreement | 2020.08.14 | 169330 |

Internet Updated:

| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-----------------|---------------------|---------------------|----------|---------------------|----------------------|
| BSNL 40 Mbps | Reliance 14 Mbps | Reliance 14 Mbps | Multinet | Multinet 60 Mbps | Multinet 155 Mbps |

| | | | | | |
|--|-----------------|---------------------|---------|--|--|
| | | | 50 Mbps | | |
| | BSNL 40 Mbps | BSNL 40 Mbps | | | |
| | | Multinet 50 Mbps | | | |

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Answer: 2.19

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

4.3.3 Bandwidth of internet connection in the Institution

Answer: A. ≥ 50 MBPS

| File Description | Document |
|--|-------------------------------|
| Upload any additional Information | View Document |
| Details of available bandwidth of internet connection in the Institution | View Document |

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Answer: 15.61

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)

Answer:

2020-21 2019-20 2018-19 2017-18 2016-17
60.52422 167.65771 183.94487 39.73142 137.06760

| File Description | Document |
|---|-------------------------------|
| Upload any additional information | View Document |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | View Document |
| Audited statements of accounts | View Document |

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Answer:

Established Systems and Procedures for Maintenance: There exists a well-structured system of the maintenance of the available facilities in the campus as per Institution's Policy document. The institution has utilized significant amount of the budget provided for the purpose.

For the smooth working and maintenance, the Single Point of Contact, Mr. Nand Lal is supported by Shri S K Bayeti. They are available all the time during office hours. The information has been displayed prominently.

To carry out day to day maintenance work, the institute management has hired full time electrician, plumber & carpenter and on call civil mason, painting services, who reports to the Care Taker & Administrator, who is also a Single Point of Contact, who takes daily rounds of the institution and inspect the facilities and attends any work requiring maintenance. He also looks after the maintenance work of the hostels through visiting or on information by the Warden/resident students. This policy is also followed for residential quarters.

For maintenance of the laboratories and department related academic facilities the system administrator attends, including the CRO, Kits, machines, computers and accessories. If requires the HoD identifies & calls the service provider after approval from the Director/Principal or sends the request to Maintenance cell or SOP for attending by internal team. These are attended quickly.

The institute has a library incharge who follows up with the librarian and regularly monitors the library to ensure and maintain all text books, reference books, articles, competitive examination books, magazines, journals, e-magazines, e-books and e-journals.

The games facilities are looked after by the sports in-charge, who attends the required maintenance work and wherever requires called specialized serviceman or from the maintenance cell.

The quality of drinking water is tested time-to-time. Overhead water tanks are cleaned periodically & cleaning date is displayed.

Fire extinguishers are installed at prominent places and are refilled timely. The fire buckets filled with sand have also been provided.

Adequate House-Keeping staff is employed to carryout daily cleaning of the facilities. The team of daily cleanliness staff is monitored by SOP. The wash rooms and rest rooms are maintained clean. Dustbins are placed on every floor.

The Green Cover of the campus is well maintained by a full time gardener.

Utilization of the Facilities: The IQAC cell allows the use of the facilities other than academic work such as holding classes, practical and extension lectures. The facilities are used for conduction of competitive examination of state public service commission. Staff selection committee, State police service. For conduct of academic competitive examination such as NEET, JEE etc. The institution is center for conducting examination for Rajasthan Technical University in all semesters. Nearby community also avail the facility of cricket and sports grounds.

For social activity: Activities during COVID 19 period were done like -yoga, -meditation, etc. Institute was made a quartine centre by the District administration wherein boarding and lodging of migrants was provided by the Institution.

The permission has also been granted to the Citizens of neighboring area who want to work on Computer any time during the working hour including use of internet facilities.

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

5.Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Answer: 8.51

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 115 | 131 | 126 | 93 | 238 |

| File Description | Document |
|--|-------------------------------|
| upload self attested letter with the list of students sanctioned scholarship | View Document |
| Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template) | View Document |

5.1.2 Average percentage of students benefited by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Answer: 11.44

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution / non-government agencies year-wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 210 | 168 | 206 | 172 | 152 |

| File Description | Document |
|---|-------------------------------|
| Upload any additional information | View Document |
| Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template) | View Document |

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Answer: A. All of the above

| File Description | Document |
|---|-------------------------------|
| Details of capability building and skills enhancement initiatives (Data Template) | View Document |
| Any additional information | View Document |
| Link to Institutional website | View Document |

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Answer: 39.17

5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 2204 | 268 | 121 | 57 | 94 |

| File Description | Document |
|--|-------------------------------|
| Number of students benefitted by guidance for competitive examinations and career counselling during the last five years | View Document |

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

- 1. Implementation of guidelines of statutory/regulatory bodies**
- 2. Organisation wide awareness and undertakings on policies with zero tolerance**
- 3. Mechanisms for submission of online/offline students' grievances**
- 4. Timely redressal of the grievances through appropriate committees**

Answer: A. All of the above

| File Description | Document |
|--|-------------------------------|
| Upload any additional information | View Document |
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | View Document |
| Details of student grievances including sexual harassment and ragging cases | View Document |

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Answer: 43.83

5.2.1.1 Number of outgoing students placed year - wise during the last five years.

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 173 | 148 | 219 | 156 | 194 |

| File Description | Document |
|---|-------------------------------|
| Upload any additional information | View Document |
| Self attested list of students placed | View Document |
| Details of student placement during the last five years (Data Template) | View Document |

5.2.2 Average percentage of students progressing to higher education during the last five years

Answer: 3.59

5.2.2.1 Number of outgoing student progression to higher education during last five years

Answer: 14

| File Description | Document |
|--|-------------------------------|
| Details of student progression to higher education (Data Template) | View Document |

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Answer: 60

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 3 | 2 | 1 | 0 | 0 |

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
|---------|---------|---------|---------|---------|

3 2 1 0 0

| File Description | Document |
|---|-------------------------------|
| Upload supporting data for the same | View Document |
| Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template) | View Document |

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Answer: 16

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years.

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 0 | 16 | 0 | 0 | 0 |

| File Description | Document |
|---|-------------------------------|
| Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year | View Document |
| e-copies of award letters and certificates | View Document |

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Answer:

The college ensures participation of student representatives in all bodies responsible for taking decisions affecting the students. Two Class representatives in each class are nominated (One topper and one active participant) to represent the students. Out of these representatives some are co-opted in the committee's meetings whenever need is felt. The students have representation on various committees such as Grievance, Redressal, Women Harassment, Environment Cell, Human Rights Cell, Training Placement & Incubation Cell, Student Participation and Activity Cell etc. and administrative committee such as Library Committee, ICT etc.

Student executives of the Branch wise society and student chapters of IEI & CSI is formed through selection every year which is responsible for the planning and implementation of the social and co-curricular activities under the guidance of the faculty and management. A newsletter is regularly published which mirrors all the activities of the students and the campus life with the students on the editorial board. It provides the students with an opportunity to showcase their creative talents in various fields. Involvement of students in the:

Administrative Activities: The students are involved through the Students Council for academic and activity related administrative work.

Co-curricular: The activities are organized through respective clubs and the students are executive members of these clubs. They are fully involved in discharging various tasks and have been doing very well.

Extracurricular: The activities are performed through clubs and the student takes full responsibility. The practice has been very successful.

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Answer: 7

5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 0 | 23 | 0 | 12 | 0 |

| File Description | Document |
|---|-------------------------------|
| Upload any additional information | View Document |
| Report of the event | View Document |
| Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template) | View Document |

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Answer:

The Registered GITS Alumni Association is formed to maintain an integral continuation of the relationship of the students with their alma mater. The membership is compulsory and the student pays life membership during final year. The annual Alumni meet is held every year to confer upon distinguished award on one of its illustrious alumni (ALUMNITE 2015, RECONNECT-1 2019, and Online RECONNECT-2 2020). All former faculty members and alumni are invited on all formal educational and entertainment programmes of the institution, including annual function and foundation day. The association also participates in the Institution festival and invites alumnae to showcase their expertise, products and share their industrial experiences with the students which enable them to gear up with the competitive world.

The Institution management conducts meetings with Alumni Association which provides a platform to the former students to suggest on academic, curriculum, market need, functioning of the Institution and infrastructure. The Institution utilizes the intellectual inputs of its alumni working in the academic or

professional fields to enhance the capabilities of the present students. At the department level, inviting them for special lectures, examiners for various practicals, evaluations of field reports, seminars etc.

The Institution has a face book page connecting to the alumni. Few alumni members provided financial support/ services during the Institution events like Annual Fest, Training etc. and other activities related to development of facilities for students. The funds collected are utilised only for the purpose stated by the donor.

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Answer: A. ≥ 5 Lakhs

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

6. Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Answer:

For fulfillment of the Institution vision, the leadership strives to maintain an open and interactive environment with all stakeholders. The stakeholders are actively encouraged to participate and voice their perspectives for effective decision making & policy formulation. The participation of the Director, faculty members and the students has been ensured through the mentors, course coordinators and the committee in-charges. The Director is invited to attend the meetings of the Geetanjali Education Society, conducted by the top management.

The Institution Quality Council has been formed as per NAAC guidelines besides College Management Council as per norms of the state government policy for the self-financed institutions having representation of teachers, students, parents, non-teaching staff, alumni etc. The working of the Institution has been divided in numerous activities and these are looked after by the committee's involving the teachers and the students. This ensures the participation of everyone in the management & functioning of the Institution. The teacher, who is in charge for organization of an activity, is independently responsible for planning the event and other teachers also actively participate and support. This ensures the participation of the teachers in governance and empowers them for decision making. The leadership of the Institution supports faculty endeavors in getting funding and sponsorship for various activities from different agencies and motivates teachers and students to undertake innovative projects.

The Institution has defined vision, mission developed keeping in view core values of NAAC, besides educational objectives which were developed with inputs from various stakeholders and adopted. These statements set a path for the governance of the Institution and training of the students to be successful in their life. The statement set the leading role of the teachers and students in this task.

The institution had prepared the prospective plan of ten years and effectively monitoring its implementation and also. conducted an attainment audit presented in sub criteria 6.1.1

The Vision statement emphasizes the focus of the institute towards providing best education in technology and management by the training of the students with qualitative and innovative teaching methods which leads to making them more responsible educated citizen with self-growth.

The mission statements are aimed at fulfilling the vision by creating a learning environment with state of art facilities and providing quality education to prepare professionals who are productive and socially responsible. Special skills are imparted to make them effective respective professionals, managers and executives to become leaders for change; and to develop ability to work in teams with cohesive attitude.

| File Description | Document |
|---------------------------------------|-------------------------------|
| Upload any additional information | View Document |
| Paste link for additional information | View Document |

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Answer:

There exists an approved HR policy & Institutional policies which clearly describes the powers to the Director/Principal, Head of the department and the teachers for decentralized working.

Powers to the Director/Principal: The Director/Principal has full administrative academic powers in day to day administration including selection of staff with defined process, make appointment of the staff on ad-hoc basis in urgent requirement, sanction of leave, reward and warning

The Director/Principal has full financial powers as per approved budgets. The Director/Principal authorizes the payment of bills and signing powers of cheques.

Powers to the Heads of the department and Activity Coordinators: The head of the department is responsible for effective curriculum planning and delivery including monitoring and observation of classes. The administrative power includes the sanction of leave up to 2 days, deployment of non-teaching staff in the department besides academic task such as preparing the time table, assignment of the courses to the teachers, academic control including arrangement of classes when a teacher is on leave, monitoring and course coverage, recommending the procurement of (i) lab supplies and the recurring item, (ii) library books (iii) journals, (iv) software etc.

The institution promotes a culture of participative management as all institution operations are managed by committees constituted for academic and other activities, comprising of teachers, non-teaching staff and students. The committee incharges have full freedom to prepare the activity proposals and execute after approval from the competent authority. The committee accordingly plan and decide execution strategies. The committee will prepare the activity completion report and submit it to Director for record in IQAC.

| File Description | Document |
|---------------------------------------|-------------------------------|
| Upload any additional information | View Document |
| Paste link for additional information | View Document |

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Answer:

The quality policy of the institution is in alignment with the vision to grow and achieve the academic quality through overall growth of the institution. Accordingly the institution has prepared the strategic plan (2018-28) with the objectives to set forth the path of strengthening, which helps in regularly enhancing the infrastructure and developing capacities for teaching and research, academic growth in terms of the programs and developing social responsibilities.

The institution plans the development of facilities and strengthening initiatives keeping in view the perspective plan including the mid-term appraisal, if required. The institution conducted attainments of perspective plan in 2021 and it is reported.

CASE REPORT

Research Support- The Perspective plan spoke about extending support for innovation and research to the faculty and students. In the review period, the institute has attained the following landmarks:

- Department of Management established Ph.D. Research lab in 2018,
- Ph. D. programs were started in CS and Management Department.
- GITS has established an Institutes Innovation Cell (IIC) under the MoE and an Innovation and Incubation Lab.
- In the innovation category, the institute has won several laurels in various National Level Hackathons.
- The college students have participated and won many National-level Competitions including SIH2020, AIH, Texas Instruments.
- The institute provides support to the faculty members and students for their research work.
- With the support of the institute, faculty and the students have got many Patents published during last year and also filed applications for more. The Patents were published for:
 1. Self-Powered Intelligent Bin,
 2. Self-powered Intrusion Detection and Prevention System against wild animals,
 3. Intravenous stand for healthcare sector and
 4. Apparatus to Drive away Locust and wild animals from fields.
 5. Lake Cleaning Machine

Summary

| Goals | Description | Achieved |
|---------|---|----------|
| 2019-20 | <ul style="list-style-type: none"> • Recruitment of faculty as per the University Norms • Reorganization of the Departments • Creation of Senior Positions • Organizing of value added/skill Courses • The construction of tennis courts and indoor gym • The construction of Auditorium • Updation of Laboratory • Strengthening of Campus Road Network • Construction of Parking | Achieved |
| 2020-21 | <ul style="list-style-type: none"> • Seeking NBA accreditation | Achieved |

- Strengthening of the facilities
- Building of faculty guest house
- Air Cooling of Hostels

| File Description | Document |
|--|-------------------------------|
| Upload any additional information | View Document |
| strategic Plan and deployment documents on the website | View Document |
| Paste link for additional information | View Document |

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

Answer:

The institution functions under the supervision of the Board of Governance of Geetanjali Education Society - a registered society, which has created the institution & HR policies. The policy decisions such as sanction of budget and creation on posts are under the preview of this Board. The management has laid down a well-defined organizational structure.

The Director is the chief executive for administration of the institution including academic and finances, who coordinates all the activities including infrastructural development.

The Director chairs the College Management Committee meeting, which is constituted as per policy of the state government for self-financing institutions. The committee has representation of staff, students, parents, alumnae, management and other stakeholders.

The Director is supported by the Heads of the Departments with defined administrative powers and full academic control.

For carrying out various activities and establishing linkages with the students, various committees have been formed having staff and students on the committee, besides each student is assigned to a Mentor who acts as their guide and advises them on all issues including psychological counseling.

The approved employee's friendly HR policy is the guiding document for the administration of the institution. The salient feature of the policy included reward for good work, opportunity for academic career advancement, duty leave for participation in academic activities, compulsory registration in in-house seminar/conference/FDP etc. The staff members annually submit self-assessment report in a Performa, which is reviewed by the Director and recommended to the management. The staff members performing their regular duties sincerely over a period of time are given financial incentives out of staff welfare fund (Created outside institutional budget), promoted to higher rank/sanctioned increments etc. In case of the poor appraisal, the teachers can be removed or warned with an opportunity for improvement.

The recruitment rules of the affiliating university are followed, where a nominee of the Vice Chancellor is permanent member of all Selection Committees. Besides, the Director and Management representatives, one/two subject Experts are also members of the selection committee. The Director is chairman of the selection committees and has full powers to appoint the staff on adhoc basis in emergency.

The Institution has formed a Grievance Redressal Committee (For faculty, staff and the students), which looks into all the types of the grievances. The Women empowerment committee looks after gender specific complaints. The Grievance received will be looked by the Convener and the action will be taken by him/her

and record of such resolution maintained. The Grievance Committee will enquire any Grievance, where some investigations are required to be taken before, its redresser. The report on redresser of the Grievances is submitted to the Director/IQAC for perusal.

| File Description | Document |
|---|-------------------------------|
| Upload any additional information | View Document |
| Paste link for additional information | View Document |
| Link to Organogram of the Institution webpage | View Document |

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Answer: A. All of the above

| File Description | Document |
|---|-------------------------------|
| Screen shots of user interfaces | View Document |
| ERP (Enterprise Resource Planning) Document | View Document |
| Details of implementation of e-governance in areas of operation, Administration etc | View Document |
| Any additional information | View Document |

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Answer:

The institution has a very supportive welfare policy for its teaching and non-teaching staff. The salient feature of the policy included reward for good work, opportunity for academic career advancement, duty leave for participation in academic activities, compulsory registration in in-house seminar/conference/FDP etc.

The staff members annually submit self- assessment report in a Performa, which is reviewed by the Director and recommended to the management. The staff members performing their regular duties sincerely over a period of time are given financial incentives out of staff welfare fund (Created outside institutional budget), promoted to higher rank/sanctioned increments etc. In case of the poor appraisal, the teachers can be removed or warned with an opportunity for improvement.

The institute takes care of the welfare of the faculty and staff and their families.

Sponsorship is provided to faculty for attending conferences/seminars/workshops.

Extra ordinary leave is given for persuing higher education.

Discounts are provided to all staff and their family members on the medical expenses in the affiliated hospital;

Bus facility is extended to staff for transportation;

Dressing rooms and rest room for nursing mothers;

Supporting devices and structures for handicaps;

Paid leave/earned leave;

Provident fund is paid by the institution as per the statutory rules.

A Grievance Redressal Cell is formed and all faculty concerns are addressed.

Summer vacation of 2 weeks is given to the entire faculty who have completed a minimum of six months service in the institution.

Flexible work hours are permitted to the faculty with personal difficulties.

The rewards includes the cash/gifts on performance basis.

etc. are some examples of welfare measures.

| File Description | Document |
|---------------------------------------|-------------------------------|
| Upload any additional information | View Document |
| Paste link for additional information | View Document |

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Answer: 12.15

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 5 | 21 | 18 | 18 | 1 |

| File Description | Document |
|--|-------------------------------|
| Upload any additional information | View Document |
| Details of teachers provided with financial support to attend conference, workshops etc during the last five years | View Document |

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Answer: 4.4

6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 10 | 3 | 4 | 3 | 2 |

| File Description | Document |
|--|-------------------------------|
| Upload any additional information | View Document |
| Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff | View Document |

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Answer: 34.87

6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 61 | 45 | 50 | 30 | 4 |

| File Description | Document |
|--|-------------------------------|
| Upload any additional information | View Document |
| Details of teachers attending professional development programmes during the last five years | View Document |

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Answer:

The performance appraisal system of teaching and non-teaching staff is under the guidelines of HR Policy adopted by the management of the Institution, which is carried out at the end of the every academic year. This helps management and IQAC to maintain the Quality Policy of the institution & identify the talent for other assignments. The format helps to identify the key areas of expertise of the staff so as to optimally utilize their talents.

Process: The process is initiated by the staff by filling up the format about the work done related to teaching, examination, institution work, research project and submits it along with the voluntary write-up of the achievements during the report period. Special emphasis is laid on the innovations or path-breaking transitions in the ways of the working which the employee has contributed. For the teaching staff special emphasis needs to be placed on maintenance of academic record (TRB) & use of ICT in teaching,

participation in skill/knowledge advancement (FDP, STTP, Seminar, Workshops, paper/book publication etc.), development of innovative methods, highlight the achievements regarding how s/he made a difference to the understanding of the students in general with special focus on how s/he was able to benefit the weaker students.

Appraisal: The HOD will peruse all the Appraisal Forms filled by the staff members. They will also refer the feedback from those concerned and achievement in academic and other activities including organization of FDP, Seminar, conferences etc. The HOD, will record the comments on the basis of review and submit it to the director.

The Director will study the report and comments submitted by the HODs, after thoroughly satisfying itself with the credentials of the staff member the report will be accepted for further needful as per rules or issue of show cause notice / warning.

Adverse Comments: If the APR has adverse comments, the staff member will be required to give an explanation in writing for the same with an undertaking that s/he will improve the performance in the coming academic year. The management may impose minor/major penalty or remove the staff.

Support to faculty for pursuing higher education: GITS encourages its faculty to undertake additional training as well as attain higher qualifications like PhD, certification courses, specialized training and additional degrees from reputed and recognized institutes.

Sponsorships: Faculty Members participating in workshops, conferences, seminars, FDPs etc. are sponsored by the institute to improve skills and professionalism. The institute also conducts training and workshops for its faculty and staff members.

| File Description | Document |
|---------------------------------------|-------------------------------|
| Upload any additional information | View Document |
| Paste link for additional information | View Document |

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Answer:

The institution conducts regular internal and external financial audits as per the requirement of Act of the Registration of the Societies of the state. The Institution follows the principle of pre audit of bills before making the payment or adjusting the advance, followed by internal audit at end of year before submission to external CA audit. This system has ensured that no pilferage or leakage takes place.

The external audit is done by the authorized Chartered Accountant, appointed by the society, who prepares the annual balance sheet and audited statement. These are submitted to the Registrar of the Societies, Government of Rajasthan and other organizations every year. The audited accounts statements also formed the part of the Annual Report and institute's web site. This ensures total transparency in financial matters.

The objections raised by the Chartered accountant are resolved by the competent authority such as Accountant, Cashier, Treasurer/Finance Secretary of the institute etc. as such the objections are settled all the time.

The recent audit was done for the year 2019-20. As evident from the balance sheets, there were no audit objections during the period.

| File Description | Document |
|---------------------------------------|-------------------------------|
| Upload any additional information | View Document |
| Paste link for additional information | View Document |

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Answer: 36.11

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

Answer:

| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
|---------|---------|---------|---------|---------|
| 6.01 | 7.75 | 19.7 | 1.4 | 1.25 |

| File Description | Document |
|--|-------------------------------|
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years | View Document |
| Any additional information | View Document |
| Annual statements of accounts | View Document |

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Answer:

The institution follows the strategies for mobilization of funds and optimal utilization of resources as directed by the management. The Director in consultation with the heads of departments and other unit incharges prepares an annual budget estimate and incur expenditure after it is approved by the Executive Committee of the GES. As the institution is a self-financed private Institution, the major source of the income is only the fees receivable from the students. In addition to the fee, some revenue on account of consultancy provided to other organizations and project grants are also available. The provisions are made to conduct its academic & administrative activities smoothly within the amount available by the revenues received.

The Alumni of the institution has also contributed more than 5.0 lakh Rs.

The Institution has been getting the sponsorship for its activities such as for seminars/conferences /other events etc. Since 2018, funds have been sanctioned under the TEQIP III scheme through NPIU for conduction of conference, FDP, expert lecture and workshop. In this scheme, affiliating university have sponsored and disbursed amount directly to the beneficiaries, verified by GITS.

List of TEQIP Sponsored activities:

| Date/Year | Name of TEQIP-III Activity |
|-----------|---|
| 2020 | FDP- Power Electronics Convertors application and their control |
| 2020 | FDP- Solar Design & Drafting |
| 2020 | FDP- Application of AI & IOT in Civil Engg |
| 2019 | FDP- Preparing for NBA Accreditation |
| 2019 | Workshop on Design and analysis of Electric Vehicles |
| 2020 | FDP on Sustainable development in construction Industry |
| 2020 | FDP on Next Generation Semiconductor Devices. |
| 2021 | International Conference on Data Driven Computing and IOT |

The institution has received project based support during the report period which is given below:

| Year | Project title | Amount in Rs. |
|---------|---|---------------|
| 2018-20 | Wash Lab A Project sponsored by USAID | 20,00,000 |
| 2019-20 | Design and Prototype development of intelligent Controls for Matrix Converter interfaced Grid connected Wind Energy Conversion System | 2,40,000 |
| 2020-22 | Marketing Strategy for Pacific Exports | 6,75,000 |

The institution has also collected significant amount by renting out its infrastructure facility to other agencies including more than rupees 6 lakhs from TCS-ION

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Answer:

The important aspects of the governance including the teaching-learning process have been under the direct purview of the IQAC, which has successfully created an environment as part of the Internal Quality Assurance in line with the guidelines of the accreditation bodies. The IQAC keeps on re-iterating the need of keeping quality and create awareness about the important quality parameters. Strategies are also developed to maintain the upper edge among competing institutes.

The Various key areas for regular monitoring, documentation, efforts made and outcomes are described below:

- | | |
|----------------------------|----------------------------|
| • Organization of lectures | • Frequent expert lectures |
|----------------------------|----------------------------|

| | |
|--|---|
| <p>by prominent and expert speakers in different areas</p> <ul style="list-style-type: none"> • Participation in Innovation and Research events like hackathons and design competitions • Organisation of idea competitions • Introduction of Industry ready programs • Technical trainings for employability enhancement • Extension activities for the community development • Organization of Remedial classes and Student counseling sessions • Feedback from stakeholders • Collaboration with Industry and placement meet • Effective involvement of Alumni and organizing alumni talks | <p>and alumni talks are organized by all departments</p> <ul style="list-style-type: none"> • Students are supported to participate in national events of hackathons and won prizes • Organised national idea competition • Participated and won many prizes in Automobile design competitions-GoKart • Continuous technical training of final year students before placement interviews • Supporting the students in preparing for GATE by providing access to GATEtutor • Some of the departments are providing consultation to industry. • Universal Human Value Cell working for community works |
|--|---|

Promoting Innovation and Entrepreneurship among students: The initiative by IQAC towards creating an eco-system for promoting creativity and innovation has led the institute towards attaining significant increments in participation; and, resulted in greater visibility of institute nationally. The institute has created a dedicated Innovation and Incubation lab providing all kinds of support to innovators. With the drive and motivation, the student innovator teams of the institution are bringing many laurels; recently winning the Smart India Hackathon (SIH-2020) and Agri-India Hackathons in addition to many other competitions. The institute has partnered with TiE Global for pitching and mentoring the ideas by Industry Experts. The Entrepreneurship Development Cell of the institute has been creating awareness and promoting Entrepreneurship. The Institution's Innovation Council (IIC) is also organizing many events to foster innovation culture among students.

Making students Industry Ready: For professional degree holders, bridging the gap between academia and industry has been an area of concern internationally. Keeping this thing in mind, IQAC planned for introducing Industry Ready programs for engineering students of the institution. In the pursuit to make graduate ready for absorption by industry, the institute has signed MoU with two industry majors viz. (1) GE Healthcare, Bangalore, and (2) Thermax Ind., Pune. The industry partners provide special trainings to the students while in campus and absorb some of them after graduation. The remaining students are also immediately absorbed by other industry of the sector.

| File Description | Document |
|-----------------------------------|-------------------------------|
| Upload any additional information | View Document |

| | |
|---------------------------------------|-------------------------------|
| Paste link for additional information | View Document |
|---------------------------------------|-------------------------------|

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

(For first cycle - Incremental improvements made for the preceding five years with regard to quality

For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Answer:

Structured Feedback System: Regular feedbacks were taken in the past from students and shared with teachers to improve the curriculum transaction. The feedback is collected from the students, parents, alumni & organization where students are placed/take internship on all aspects including on curriculum and infrastructure. This has helped to equip students with the skill sets required by prospective employers, increase their visibility and enabled the institution to suggest to the university the changes required in the syllabus. The documentation has helped to map lacunae and revisit policies such as a need was felt to promote and support students seeking higher education after graduation and an initiative to provide guidance and coaching for GATE/CAT has been made. An online learning platform 'GATetutor' has been subscribed by institution to provide free access to all students and faculty.

New Courses: Looking to the need of industry and future technology trends, the institution has introduced a new program of '**B.Tech.-Computer Science in Artificial Intelligence**' from this year i.e. 2021 with intake of 30. The program will be handled by the Department of Computer Science and Engineering.

Skill enhancement of the Faculty: The emphasis is given for academic and skill up-gradation of the faculty through various academic activities. The institution has motivated the faculty for continuous learning; encouraging them to enroll in online certification courses of NPTEL, Coursera, edX; using the MOOCs and FOSSE applications. Due to large number of faculty and student enrollment in NPTEL courses, the institute was felicitated by IIT Kanpur. The star performers are also awarded cash prizes. Besides this, all the teachers also participates in seminars/conferences and extension training and skill up-gradation through Seminar, Expert's Lectures and other academic activities.

Organization of National Webinars and FDPs: The institution has been organizing national academic meets regularly. During the report period several such meets have been organized out of which 12 were sponsored by TEQIP through RTU as ATU. All the teachers of the institution participated in these academic meets.

Developing Research attitude: All the staff members were motivated towards developing research aptitude and interact with industry to indulge in real life projects and problems faced by industry. Proposals for R&D projects and MODROBs were prepared by faculty from all departments and submitted to various granting agencies including DST, AICTE, etc. Some departments begged sponsored research grants and consultancy from industry.

Institutes' Perspective Plan: The faculty members were involved in preparation of the institution's perspective Plan 2018-28. This gave them an opportunity to learn the future needs of the institution and know the forthcoming path of progress.

Construction of buildings: To provide appropriate place for institution level events and sports, an Auditorium cum Sports Complex has been planned and is under construction.

Safety Audit: The management carried out Safety Audit of the institution.

| File Description | Document |
|---------------------------------------|-------------------------------|
| Paste link for additional information | View Document |

6.5.3 Quality assurance initiatives of the institution include:

1. *Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements*
2. *Collaborative quality initiatives with other institution(s)*
3. *Participation in NIRF*
4. *any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)*

Answer: A. All of the above

| File Description | Document |
|--|-------------------------------|
| Upload e-copies of the accreditations and certifications | View Document |
| Upload details of Quality assurance initiatives of the institution | View Document |
| Paste web link of Annual reports of Institution | View Document |

7. Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Answer:

The measures initiated on the gender equity issues included the mentoring of the students, organisation of the talks on women/health, celebrating international Women Day (8 March), activities on Legal Rights Awareness etc. The course on Human Values covers these aspects as well.

The first year students are mentored during the induction program as per AICTE norms having special session on the issues. The institution has prepared monograms on the issues to be covered during induction program of the first year. As per supreme court directive an undertaking on the issue is taken from the students at the entry level besides anti-ragging issues. In higher classes the HoD conduct the session in the beginning of the semester.

Additionally, for the promotion of the gender equity, the international women day is celebrated with lectures on social issues involving the duties and rights of the citizens towards the women.

The display board contains the information about the point of contacts of lodging any complain in this regard. The campus has all required specific facilities for the women equitable to the facilities provided to students and staff.

Safety and Security:

The Women empowerment committee has been constituted in the institution as per provisions of the “The sexual harassment of women at workplace (prevention, prohibition and redressal) act, 2013.” The committee has notified its procedure to deal with the complaints received from the employees, girls and other students. The institution follows zero tolerance policy and is committed to provide a safe and conducive work and academic environment to all its employees. The committee is conscious and alert to matters pertaining to any kind of harassment and gender sensitivity.

Counselling:

The induction monogram is issued to the students & put on web site for creating awareness among all the stakeholders. The institution has consistently strived & is successful in addressing these sensitive issues through educating and counselling of the students. In some of the courses topics on socio-economic environment, gender, media & society, gender & social justice etc. have been included, where teachers share their views on these issues. The Women empowerment committee at institution is very active and organized talks and meets to make students aware about this issue, and also monitors all activities and training programmes related to safety and security organized in the institution. To educate the students, posters are also prominently displayed at places in the campus displaying help line numbers/contact.

Common Room: There are number of specified areas in institution besides a dedicated girl's common room, separate green rooms for dressing, amphitheatre, students' centre etc. which are monitored through CCTV cameras. Separate sitting area for girls is earmarked in the mess. There is a provision of the counselling room for the girls where they can meet the female teachers to resolve their personal or psychological grievances. There are separate toilets for girls, boys, all staff and students.

The employees are allowed to bring their children in any event organised. Besides, they are allowed special going out facility for nursing mothers.

| File Description | Document |
|--|-------------------------------|
| Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information | View Document |
| Link for annual gender sensitization action plan | View Document |

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. *Solar energy*
2. *Biogas plant*
3. *Wheeling to the Grid*
4. *Sensor-based energy conservation*
5. *Use of LED bulbs/ power efficient equipment*

Answer: A. 4 or All of the above

| File Description | Document |
|--------------------------------|-------------------------------|
| Geotagged Photographs | View Document |
| Any other relevant information | View Document |

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- *Solid waste management*
- *Liquid waste management*
- *Biomedical waste management*
- *E-waste management*
- *Waste recycling system*
- *Hazardous chemicals and radioactive waste management*

Answer:

The management is aware about the waste and pollutants, which contribute adversely to landfills and toxins affecting the soil, water and atmosphere. The institution has prepared a report on the Waste Management of the campus and its recommendations are being implemented. The solid wastes are collected through the dust bins provided at various places on the campus. Thereafter, the wastes generated in the institution has been classified and treated with the policy of Reduce, Recycle and Reuse (RRR), as given below:

Solid waste management:

Non-degradable wastes are generated in negligible quantity as such disposed-off safely dumped in a pit, from where these are sent to the village dumping yard periodically.

The other bio degradable wastes are charged into open type pit and converted into manure or in bio-gas plant.

The kitchen wastes are charged into biogas plant.

Liquid waste management:

The liquid waste is discharge in the sewage pit, which requires periodically clean and waster is used in gardening as it does not harm soil and ground water. Separate *pacca* pit have been provided for chemistry lab discharge.

Biomedical waste management:

Not generated

E-waste management:

Lithium batteries, damaged CDs and ink cartridges collected in waste bin, which is cleaned periodically and disposed-off for recycling as per government policy.

Waste recycling system:

In addition to the solid waste stated above, the waste papers are collected by a vender and sent for the recycling.

Hazardous chemicals and radioactive waste management:

No such waste are generate.

Looking to type of waste no agreement /permission from any government agency is required, as such there is zero waste generation and all wastes are disposed-off safely as per law.

| File Description | Document |
|--|-------------------------------|
| Link for Geotagged photographs of the facilities | View Document |

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling

5. Maintenance of water bodies and distribution system in the campus

Answer: A. Any 4 or all of the above

| File Description | Document |
|--|-------------------------------|
| Geotagged photographs / videos of the facilities | View Document |

7.1.5 Green campus initiatives include:

1. *Restricted entry of automobiles*
2. *Use of Bicycles/ Battery powered vehicles*
3. *Pedestrian Friendly pathways*
4. *Ban on use of Plastic*
5. *landscaping with trees and plants*

Answer: Any 4 or All of the above

| File Description | Document |
|---|-------------------------------|
| Geotagged photos / videos of the facilities | View Document |

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. *Green audit*
2. *Energy audit*
3. *Environment audit*
4. *Clean and green campus recognitions / awards*
5. *Beyond the campus environmental promotion activities*

Answer: A. Any 4 or all of the above

| File Description | Document |
|---|-------------------------------|
| Reports on environment and energy audits submitted by the auditing agency | View Document |
| Certification by the auditing agency | View Document |
| Certificates of the awards received | View Document |
| Link for any other relevant information | View Document |

7.1.7 The Institution has disabled-friendly, barrier free environment

1. *Built environment with ramps/lifts for easy access to classrooms.*
2. *Disabled-friendly washrooms*
3. *Signage including tactile path, lights, display boards and signposts*
4. *Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment*
5. *Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading*

Answer: A. Any 4 or all of the above

| File Description | Document |
|------------------|----------|
| | |

| | |
|--|-------------------------------|
| Policy documents and information brochures on the support to be provided | View Document |
| Geotagged photographs / videos of the facilities | View Document |
| Link for any other relevant information | View Document |

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Answer:

Institution is committed to maintain harmony and inculcate tolerance among the staff and students and provides inclusive environment to achieve these. The activities are organised with the participation of one and all and respecting their sentiments and feeling in all respect.

Cultural: The Induction monogram distributed to the students and placed on web site has information about the Indian Culture and maintaining harmony among various sectors of people such as based on caste, religion, region, gender, language etc. In all cultural events tradition of all sectors of people and state are encouraged. In the dance presentation, the performances are given on north and south India's dances. Similarly, cultural festivals such as Ganpati Sthapna, Lodi, Baishaki, Makar Sankranti, Mahaveer Jayanti, Eid are celebrated with the participation of hostel resident and neighbouring community. The students are from within and outside state representing various regions.

Linguistic: The respect is given to all official language followed in the state and all presentations are in prescribed language only. The institute celebrate the 'Hindi Divas' on 14th September.

Communal: The institution maintains total communal harmony and the staff & students from different community mix up well and share common facilities without any bar. The 'Sadbhavna' divas is celebrated on 20th August every year and the students are educated about the importance of communal harmony.

Socioeconomic: The institution never allows any discrimination based on social and economic backgrounds. The administration is open to socioeconomic issues and never discriminate any one on this ground. The management also provide support to the persons coming from backward and deprived classes every year in terms of free ship or waiving book bank charges, etc.

VISIT TO WISENHEIMER ORPHANAGE, SUKHER, UDAIPUR.

On 1st April, 2018 the students of Geetanjali Institute of Technical Studies, visited Waisenheim Orphanage, Sukher, Udaipur, Rajasthan. The students and provided breakfast to the orphanage children and arrange some fun activities like sports and quiz.

This was done under an activity mentioned in the course of Human Values. It is a great initiative taken up by the students and the faculty to make a small difference in the lives of those small children by offering happiness in the form of food.

4 DAYS ONLINE ACTIVITY 'GRATITUDE AND CONTRIBUTE' TO ENCOURAGE HARMONY WITHIN SELF, WITH FAMILY, WITH SOCIETY AND WITH NATURE

The value education activity was conducted from 23rd July- 27th July 2020. The program was an activity based online event in which aspiring students from GITS and various educational institutions participated from their home and became a part of this value education journey.

GITS Udaipur believes in holistic development of students. Hence, we conduct value added activities to inculcate basic Human Values in students. The theme of the program was Harmony in Self and body, Family,

Society and Nature and involves theme related activities. The purpose of the program was to teach students basic human values- gratitude & contribute harmony, humanity and compassion at all four levels of living. Students participated in great numbers by performing the activities and sharing the pictures.

| File Description | Document |
|---|-------------------------------|
| Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | View Document |

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Answer:

The institution is sensitive to the moral issues as per national mandate including the constitutional provisions, which is also part of Induction monogram. The students and the teachers are always motivated to work towards nation building through their efforts and work. The activities involved are listed below, which reflect the commitment of the institution in adhering to the constitution:

Constitutional obligations: The staff and the students are committed to follow the provisions of the Indian Constitution. Institute celebrates the Constitution day on 26th November every year to educate them about our constitution and take a pledge to follow it in spirit and practice.

Indian Flag: The mentoring through induction monogram and through talks is done for issues related to Indian Flag, such as policy of furling, destroying torn flag etc.

Core Values: The GITS have long been distinguished for excellence in quality education and strive for growth and offering multi-disciplinary courses. The Core Values of the institution are:

Integrity: Working with truthfulness for the betterment of the society.

Transparency: The institution observe full transparency in working including students related matters.

Quality: Be quality conscious and work to achieve high.

Work Together: The strength of the institution is working unitedly taking everyone together.

Work for the Community & Society: We owe to the people living in the local and national community, serve them.

Be Humane: Inculcate the habit of being human first. This is the lesson delivered first on joining the group.

Rights & Duties of citizens: On the Constitution Day, the talks are held and the staff and students are educated on the fundamental rights with the legal provisions to protect them and on their duties. As the sensible citizens, the rights and duties for the nation go together. These have been displayed in the institution also.

Responsibilities of citizens: The display poster includes the responsibility of the citizen towards the nation, society, local area and community. This has also been prominently displayed and discussed on the Constitution Day.

| File Description | Document |
|---|-------------------------------|
| Link for any other relevant information | View Document |

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. *The Code of Conduct is displayed on the website*
2. *There is a committee to monitor adherence to the Code of Conduct*
3. *Institution organizes professional ethics programmes for students, teachers, administrators and other staff*
4. *Annual awareness programmes on Code of Conduct are organized*

Answer: A. All of the above

| File Description | Document |
|--|-------------------------------|
| Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims | View Document |
| Code of ethics policy document | View Document |
| Any other relevant information | View Document |

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Answer:

GITS Udaipur celebrates days of national importance, events and festivals with great enthusiasm and fervor. The institute has a system of volunteers e.g. NSS and NCC volunteers and other student bodies which are involved in the celebrations of various important days.

Here is brief account of the days that the institute prominently celebrates:

Days of National and International importance:

1. Independence Day, 15th August: Every year the Indian Independence day is celebrated in the campus. Residents from nearby localities are also invited. Flag hoisting is done by the Director which is followed by the National Anthem and a speech from dignitaries present. Sweets are distributed to all present.
2. Republic day, 26th January: Flag hoisting is done by the Director which is followed by the National Anthem and a speech from dignitaries present.
3. Yoga day, 21st June: Activities related to Yoga are celebrated in the campus. Students and faculty perform Yoga under the supervision of a trainer. During the lockdown, Yoga day was celebrated online.
4. Teacher's day, 5th September: on this day, various departments of the institute celebrate teacher's day. The students conduct activities and felicitate their teachers in the various departments.
5. Gandhi Jayanti, 2nd October: due to National holiday, Gandhi Jayanti is celebrated one day before i.e. on 1st October. On this day the faculty and staff of the institute remembers the teachings of our beloved father of the Nation, Mahatma Gandhi
6. International Women's day, 8th March: On this occasion, the various activities are organized by the women cell, GITS, Udaipur. The activities are based on the themes of Gender sensitization, Girl education, women security etc.

7. National Librarian's day, 12th August: National Librarians' Day is observed on 12th August every year to commemorate the birth anniversary of Padmashri Dr S. R. Ranganathan (1892-1972).
8. Engineer's day, 15th September: The birth anniversary of Sir M Visvesvaraya is celebrated as Engineer's Day since 1968 as a tribute to a the great engineer who helped in building some of the architectural marvels including Krishna Raja Sagar dam in Karnataka. Programs are organized in GITS Udaipur on this occasion.

Events:

1. Cultural festival: An annual cultural festival is organized in GITS Udaipur.
2. Technical festival: An annual technical festival is organized in GITS Udaipur. This is organized to encourage the students to showcase their technical skills in form of innovative projects.
3. Sports meet: An annual sports meet is organized in GITS Udaipur. The objective of conducting the sports meet is to make sure that the students get opportunity to showcase their sport skills, team spirit. It also helps in keeping the students physically fit. The institute has various facilities for sports.
4. Vishwakarma Jayanti: 17th September is celebrated as Vishwakarma Jayanti. The day is specifically important for the Department of Mechanical Engineering, where the staff perform the worship of tools and instruments in the institute's central workshop.

Festivals:

1. Holi
2. Diwali
3. Janmasthanami
4. Ganesh Chaturthi, etc

| File Description | Document |
|--|-------------------------------|
| Link for Geotagged photographs of some of the events | View Document |

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Answer:

BEST PRACTICE #1

1. **Title of the practice:** PROMOTING GREEN AND ENVIRONMENT FRIENDLY PRACTICES IN GITS CAMPUS
2. **Objectives of practice:**
 - To contribute towards environment conservation by promoting green practices in the campus
 - To ensure that the students understand the importance of following green practices in life
 - To minimize carbon footprint in GITS campus
1. **Context:**

As we are all aware that the environment conservation has become the need of the hour, owing to constant pollution and hazardous human activities, the environment has suffered miserably. It is a high time that we mend our ways and stop harming the environment any further.

Conducting activities with the objective of environment conservation is one of the ways in which students can be sensitized about the environment. GITS Udaipur undertakes such green initiatives regularly. The institute has adopted and conducted many practices which directly contribute to environment conservation.

1. Practice:

A number of activities have been planned and conducted by GITS Udaipur to reinforce the idea of environment conservation and inculcation of the same in the students.

The activities conducted ranged from plantation to no usage of polythene in the campus. The institute uses solar power for much of its needs. The campus is lush green with a large variety of flora. The institute has installed an AQI meter which has been made by the students of GITS. The AQI meter correctly measures the air quality and displays it digitally.

The details of the activities conducted are mentioned below along with photographs.

ACTIVITIES INVOLVED IN THE PRACTICE

PLANTATION ON THE CAMPUS

Geetanjali Institute of Technical Studies proudly boasts of 26 acres of lush green campus. There is a rich variety of plants and trees in the campus. Every year, students undertake the plantation activities to further enrich the green campus of GITS. Neem, which is considered to an air purifier is present in good numbers in the GITS campus.



POLICY OF NOT USING SINGLE USE PLASTIC

The institute has made it a point to not use single use plastic. In the institute cafeteria and elsewhere, the policy is strictly implemented and followed. Paper cups, plates and glasses which are recyclable are used in canteen. Consumers of Plastic bottles of soft drink and water are encouraged to take the same with them and reuse those.



USE OF SOLAR POWER FOR CAMPUS

The institute believes in harnessing the solar power for the needs of the campus. Solar power plants are installed in every building in the campus and 200 kW power is being produced in order to fulfill the power needs of the campus through solar way.



INSTALLATION OF SOLAR WATER HEATING EQUIPMENT

Solar water heating equipment has been installed on the roof of all the hostels and faculty residential buildings. This reduces carbon footprint and reduces the want of electric power. GITS has been harnessing solar power in a big way. 22 Solar water heater systems with more than 13000 litre capacity Tanks, are installed on top of various building including hostels

DEVELOPMENT OF SOLAR POWERED VEHICLES BY GITS STUDENTS

The earth is suffering as a result of the destruction wreaked upon it by humanity. Whether it is the pesticides contaminating the rivers, chemicals from factories polluting the seas or the exhaust fumes from vehicles and industries polluting the air, the systematic destruction of our different ecosystems all over the world has led to a dreadful mess. The main focus through this project is on the transportation industry which is the second largest source of pollution and health hazards. Solar cars would not contribute to global warming or to the production of CO₂.



BATTERY OPERATED VEHICLE DEVELOPED BY GITS STUDENTS

The concept of battery operated vehicles is to use charged batteries on board vehicles for propulsion. The vehicle derives all power from battery packs and thus has no internal combustion engine. The battery operated vehicles have no emissions in the place where they are used. Electric cars are 100 percent eco-friendly as they run on electrically powered engines. It does not emit toxic gases or smoke in the environment. An electric car is far cheaper to run without any noise pollution.

DEVELOPMENT OF LAKE CLEANING MACHINE BY STUDENTS OF GITS UDAIPUR

71% of earth surface is covered by water and approximately 97% of this water is present in ocean. Remaining 3% constitutes 2.4% glaciers and only 0.6% water of rivers, lake and other water bodies. Due to human activities, this 0.6% of water is polluting day by day and posing alarming situation. The objective of this machine is to preserve and clean the natural water sources. The lake cleaning machine is a suitable solution to clean the lakes and also it can be used for exercising purpose in an efficient and eco friendly way.



ACHIEVING CARBON NEUTRALITY BY ADEQUATE PARKING OF VEHICLES

Geetanjali Institute of Technical studies aims to achieve carbon neutrality through proper vehicle parking. Except staff vehicles, other vehicles are not allowed inside. Staff vehicles are parked near the exterior boundary of the institute ensuring minimum carbon footprint in the campus. Staff members are encouraged to use CNG fitted vehicles in order to minimize air pollution. Car pooling is also a practice that the staff members follow. In this way, they further contribute towards decreasing air pollution in the campus.

AQI READING MACHINE DEVELOPED BY THE STUDENTS OF GITS

A machine to read Air Quality Index [AQI] has been developed by the students of GITS and is installed in the institute premises. The machine helps in the tracking and monitoring of air quality in the GITS campus,

hence, helping in the tracking of the carbon footprint. The Air quality of GITS campus has to be found very well.

HAND SANITIZERS INSTALLED AT VARIOUS PLACES IN THE CAMPUS

In order to keep the campus clean and virus free, hand sanitizers have been installed at various places in the campus. The staff, students as well as visitors are advised to sanitize their hands in order to ensure safety from any infection. GITS Udaipur leaves no stone unturned in order to ensure safety and promote habits of cleanliness in the campus.

1. Evidence of success:

- Students have adopted habits of cleanliness, use sanitizers frequently.
- Health of the students and faculty residing in campus has improved; fewer incidents of health breakdown are reported.
- The lake cleaning machine developed by GITS has been used to clean lakes many a times.
- Greenery in the campus has been appreciated by stakeholders such as parents etc.

1. Problems Encountered:

- Availability of time with the students and faculty was a difficulty encountered. Time was squeezed out of the schedule of the faculty and students.
- Encouraging students to volunteer was initially tough.
- Financial constraints were encountered while undertaking charity based activities.

BEST PRACTICE #2

1. Title of the practice: INCULCATING AND PROMOTING HUMAN VALUES IN STUDENTS THROUGH SOCIAL INITIATIVES

2. Objectives of practice:

- To contribute towards social welfare in various ways, not only to fulfill organization's social responsibility but also to inculcate sensitivity in the students.
- To ensure that the students grow into balanced social individuals besides developing their technical competence.

1. Context:

1. In the modern times, upkeep of human values has become a challenge; these values are on a constant decline. In this scenario, educational institutions have a greater role to play in order to restore human values in the students.
2. Conducting social activities with active participation of students is one such way to inculcate human values in the students. The college taken utmost care that students are sensitized about the society and are oriented towards their overall well being. A number of social activities are conducted with the objective of ensuring that the students grow into balanced social individuals.

2. Practice:

1. A number of activities have been planned and conducted by GITS Udaipur to reinforce the idea of development and inculcation of human values in the students.
2. The activities conducted ranged from plantation to donation of food and articles at orphanages and old age homes. Student counseling sessions, preparation of immunity boosting food, yoga, visits to primary schools to spread joy among the school kids were other important activities taken.

3. The details of the activities conducted are mentioned below along with photographs.

ACTIVITIES INVOLVED IN THE PRACTICE

SETTING UP COVID CARE FACILITIES IN CAMPUS

Geetanjali Institute of Technical Studies Set up Covid care facilities in the campus. This initiative was undertaken by the institute to take care of the patients fighting with Covid-19. A 200 bed isolation ward was set up within the institute campus. The institute provided lodging, food as well as medical facilities to the patients. The effort of the institute in its fight against Covid was lauded by the stakeholders including students.

FINANCIAL CONTRIBUTION TO SUPPORT FIGHT AGAINST COVID

Geetanjali institute of Technical studies contributed Rs. 2 Lakh 51 Thousand for fight against Covid. The financial contribution was given to district administration by the finance controller of the institute Sh. B. L. Jangid. This gesture of the institute was lauded by the district administration of Udaipur.

PRACTICING YOGA FOR A HEALTHY MIND AND BODY

The institute believes that a healthy mind resides in a healthy body. For the health of both mind and body, the institute conducts regular yoga sessions among students and faculty members. This enables the students to get a break from routine studies and indulge in a very important practice to improve their overall well being. The lush green campus of the institute augments practices such as yoga and helps the beneficiaries to realize their full potential.

ORGANIZING BLOOD DONATION CAMPS

Blood can be life saving if the needy get it at the right time. Understanding this, Geetanjali Institute of Technical studies Udaipur conducts Blood donation camps regularly. The students of the institute whole heartedly contribute units of blood in the camps in a safe and hygienic environment under the supervision of senior doctors.

4 DAYS ONLINE ACTIVITY ‘GRATITUDE AND CONTRIBUTE’ TO ENCOURAGE HARMONY WITHIN SELF, WITH FAMILY, WITH SOCIETY AND WITH NATURE

The value education activity was conducted from 23rd July- 27th July 2020. The program was an activity based online event in which aspiring students from GITS and various educational institutions participated from their home and became a part of this value education journey.

GITS Udaipur believes in holistic development of students. Hence, we conduct value added activities to inculcate basic Human Values in students. The theme of the program was Harmony in Self and body, Family, Society and Nature and involves theme related activities. The purpose of the program was to teach students basic human values- gratitude & contribute harmony, humanity and compassion at all four levels of living. Students participated in great numbers by performing the activities and sharing the pictures.

5 DAYS ONLINE ACTIVITY ‘LIFE: LIVE, LEARN AND HELP’

GITS Universal Human Values Cell organized 5 days of Human values activities “Life: Live, Learn & Help” from 03 to 07 June 2020. The event was a great success and students of GITS, Alumni and other colleges’ students also participated in the event. Total 200+ students participated in the event and shared their feedback with us. For students, it was a life changing program where they get time to spend with their family, nature, animals and think about their health and benefits of yoga and immunity booster food and drinks.

Day 1 activity *The Greatest Wealth is Health-* ‘Do Meditation/Yogasan/Surya Namaskar’ on 3rd June 20. Students did yoga, pranayama and exercise at their home and shared their experience. Overall 200+ students

participated in the event.

Day 2 activity- “Prepare Immunity Booster Drink/Dishes” GITS Students as well as students from other colleges and schools also participated in the program and shared their knowledge about healthy and immunity booster food by preparing them at their home.

“Life: Live, Learn and Help” successfully conducted one of the remarkable activities on Day 3- “Sharing Innovative Ideas on Holistic Technology/Humanistic Technology to Enrich Nature”. Holistic/Humanistic technology which encourages the use of renewable energy resources, compatible with natural systems and cycles, facilitating effective utilization of the human body, animals, plants and materials

Day 4 activity was important in itself where students feed street animals and water plants of their locality. Students participated in the activity along with their family members and understood the food requirements of street animals

Following the theme of *Atma Nirbhar Bharat*, Day 5 of “Life: Live, Learn and Help” activity has been decided for Stitching and Distributing Masks and generate awareness about the importance of wearing masks

VISIT TO GOVT. PRIMARY SCHOOLS IN NORA VILLAGE AND KHEMPURA VILLAGE AND VISIT TO ‘SUKH DHAM’ OLD AGE HOME IN SAVINA

GTS organized “#Spread the Joy” and “#Lamhe” a social project of #HumanValues on 16th April 2019 at three places-Nora Village Govt. Primary School, Khempura Govt. Primary School and Sukh-dham Old age home, Savina. B.Tech First Year Students of 2018-19 batch participated and generously contributed for the cause by serving and spending time with school students and residents of old age home.

VISIT TO WISENHEIMER ORPHANAGE, SUKHER, UDAIPUR. THE ACTIVITY INVOLVED CSE 1ST YEAR STUDENTS.

On 1st April, 2018 the students of Geetanjali Institute of Technical Studies, CSE department, First Year visited Waisenheim Orphanage, Sukher, Udaipur, Rajasthan. The students with their HumanValues Teacher, Mrs. Anjali Dhaybhai, provided breakfast to the orphanage children and arrange some fun activities like sports and quiz.

‘JOY OF GIVING’ ACTIVITY ORGANIZED AT ASHA DHAM ASHRAM IN UDAIPUR. ACTIVITY INVOLVED B. TECH. 1ST YEAR STUDENTS.

Joy of giving activity was conducted by B. Tech. 1st year students of Geetanjali Institute of Technical Studies, Udaipur at Asha Dham Ashram in Udaipur. The students contributed their time money and efforts towards the noble cause.

PLANTATION PROGRAMS CONDUCTED BY GITS

From time to time, Geetanjali Institute of Technical Studies has been involved in plantation programs. This is done with the twin objective of environment conservation as well as sensitizing students towards the flora and fauna. In return, it helps them to become balanced social individuals.

STUDENT COUNSELING SESSION CONDUCTED BY GITS

Online counseling session was conducted in Geetanjali Institute of Technical Studies Udaipur in order to understand and sort out problems of students related to their studies, curriculum, online assignment and general issues like lack of co-curricular activities in the pandemic period etc. the moral of the students was boosted through the counseling activity so that their productivity and enthusiasm does not go down.

1. Evidence of success:

- Students have developed sensitivity towards social issues.
- Fewer incidents of student’s disputes on and off the campus are being reported.
- They follow practices of healthy living like practicing yoga etc
- A greener campus of GITS due to regular plantation activities
- GITS Udaipur appreciated by district administration for its efforts in fight against covid

1. Problems Encountered:

- Availability of time with the students and faculty was a difficulty encountered. Time was squeezed out of the schedule of the faculty and students.
- Encouraging students to volunteer was initially tough.
- Financial constraints were encountered while undertaking charity based activities.
- Cooperation of the public was less.<https://www.gits.ac.in/institutional-best-practices/>

<<https://www.gits.ac.in/institutional-best-practices/>>

| File Description | Document |
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| Link for Best practices in the Institutional web site | View Document |

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Answer:

Career Development: The thrust area at GITS

With the vision of providing quality education in engineering and management, GITS emphasis overall development of the students. With the Outcome Based Education approach, the attainments are reflected by the acceptability of our students in the industry. For making the students suitable for large spectrum of industry as well as promoting entrepreneurship and appetite for further learning, the institute is following a policy of continuous training in the areas of weakness and guiding students in selecting and building a successful career.

At GITS, a Career Development Centre (CDC) is created under Training and Placement Office. In the Training & Placement Department of the Institute, we not only focus on the training and providing suitable opportunities, but also help and develop the career of the students irrespective of any specific stream and provide the best platform for their **Employability and Skill Enhancement**.

TRAINING

Career Development Centre (CDC) for providing training and guidance to students on career related matters and assist them in exploring new opportunities and to support the students for their personality development and placements On/Off Campus. It is intended primarily to assist students in their career planning and provides information that helps the students to give a direction to their aspirations and interests. The student’s desires and abilities are evaluated individually and are advised the way forward accordingly. The cell arranges training sessions that augment the students to compete with the challenges in the industry. Career counselling programs are undertaken periodically by the placement coordinator to guide the students. The institution also adopted the mentoring system where a teacher provide guidance to 20-25 students, maintaining a close liaison

and providing the career guidance, counselling and academic support. The system has been found useful and the majority of students taken advantage of such guidelines.

Interactive sessions by the eminent persons with rich industry experience in respective fields are conducted regularly. Professionals are also hired for sharpening skills required for employability like communication, personality development and grooming, aptitude and technical knowledge and awareness. Mock interviews are organised by CDC for all students who are shortlisted by companies for final interview. Also, technical trainings are provided to all the students before every placement drive by the senior faculty of the departments to refresh their knowledge about all areas of the discipline learned in earlier years. Each department has been made to prepare FAQ with answers so that students can prepare well before interviews.

The CDC has been organizing career guidance talks, inviting experts from the various institution or the counsellor and counsel them for higher studies; motivate them to take GRE, GATE, CAT, TOEFFL, etc; guide for online exam (AMCAT, Cocubes, Mettl) conducted for all students from first year to enhance competency provide guidance for admission and scholarship for higher studies in world renowned University. For supporting them, online platform 'GATEtutor' has been subscribed by the institute for self-learning and preparing for GATE.

PLACEMENT

The placement activities in the institution has been very impressive as good percentage of eligible students are being provided with placement offers through campus placements. The Placement Cell facilitates the process of campus placement of its students by collaborating with leading organizations and institutes in setting up of internships and training programs. The Cell strives to bring recruiters and student aspirants together through campus interviews and also helps students in finding organisations to complete their summer internships/projects. Leveraging its strong links with corporate entities, the cell also lends a hand in securing short-term assignments for students in organisations. The cell, also, maintained the record of the placement and progression in education of all the students during the report period.

The cell invites companies for campus interviews and provide them necessary facilities for conducting written test, Group discussion, Technical and HR interview etc. as well as arrange industrial visit and training for final year and pre-final year students. The necessary infrastructure provided are:

| | |
|-----------------|--------------------------------|
| Office | Auditorium |
| Seminar Halls | Rooms for GD |
| Interview rooms | Computer labs for online tests |

INDUSTRY PARTNERSHIPS

Few Initiatives we have adopted to fill the gap in between **industry and academia**:

GITS - IAAB (Industry - Academia Advisory Board)

- For students Career Development we have signed more than 14+ MoU with leading corporates with the name of Training & Placement Support Programme.
- The only institute in North, East and Central India accredited by USA based MNC 'GE Healthcare' for Training & Placement of our engineering students. GE Healthcare has set up their 'Centre of Excellence' at GITS worth Rs. 80 Lac.
- The only institute in North India and second in India to collaborate with Thermax India Ltd. to train B.Tech students as industry- ready professionals for assured placements.
- The third and the only self-financed institute in India to collaborate with NIUA (Autonomous Organization under Ministry of Urban Affairs, Government of India) to establish WASH Labs at GITS for innovative implementation of the Smart City Project.
- The only institute in Rajasthan to sign MoU with SIEMENS India, THERMAX Ltd., Pacific Industries Ltd., and PYROTECH Electronics Pvt. Ltd. to provide technical training of Civil, Mechanical and

Electrical Engineering by setting up 'Center of Excellence'.

- GITS signed an MoU with the leading IT MNCs Advaiya and GKM-IT for Training & Placement Support Programme of B.Tech (CSE) and MCA departments.
- Accredited partner with Wipro Ltd. for campus recruitment in all the institutions of south Rajasthan.
- The only Training & Placement partner with Transport Corporation of India (TCI Group) in Rajasthan.
- The only institute in Rajasthan to have a tie-up with Adani Wilmar Ltd. & Adani Gas Ltd. for campus interview.

<https://www.gits.ac.in/wp-content/uploads/2021/10/Career_Development_Thrust_Area.pdf>

| File Description | Document |
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| Link for appropriate web in the Institutional website | View Document |

Extended Profile

Program

Number of courses offered by the Institution across all programs during the last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 628 | 632 | 649 | 651 | 649 |

| File Description | Document |
|--------------------------------------|-------------------------------|
| Institutional data prescribed format | View Document |
| Institutional data prescribed format | View Document |

Number of programs offered year-wise for last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 11 | 11 | 14 | 14 | 14 |

Students

Number of students year-wise during last five years

Answer:

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 1363 | 1431 | 1622 | 1773 | 1990 |

| File Description | Document |
|------------------|----------|
|------------------|----------|

Institutional data in prescribed format

[View Document](#)***Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years*****Answer:**

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 288 | 288 | 406 | 406 | 388 |

| File Description | Document |
|---|-------------------------------|
| Institutional data in prescribed format | View Document |

Number of outgoing / final year students year-wise during last five years**Answer:**

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 390 | 363 | 387 | 438 | 464 |

| File Description | Document |
|---|-------------------------------|
| Institutional data in prescribed format | View Document |

Teachers***Number of full time teachers year-wise during the last five years*****Answer:**

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 127 | 98 | 104 | 105 | 106 |

| File Description | Document |
|---|-------------------------------|
| Institutional data in prescribed format | View Document |

Number of sanctioned posts year-wise during last five years**Answer:**

| | | | | |
|---------|---------|---------|---------|---------|
| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
| 131 | 109 | 109 | 109 | 109 |

| File Description | Document |
|---|-------------------------------|
| Institutional data in prescribed format | View Document |

Institution***Total number of classrooms and seminar halls*****Answer: 49**

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)**Answer:**

| 2020-21 | 2019-20 | 2018-19 | 2017-18 | 2016-17 |
|-----------|-----------|-----------|------------|-----------|
| 594.10922 | 652.05731 | 929.83627 | 1234.77036 | 715.58773 |

Number of Computers**Answer:** 621**Conclusion****Additional Information :**

With a vision of excellence and quality teaching, the institute has adopted an approach of Outcome Based Education (OBE); which lays all focus on a 360 degree development of the graduating students enriched with knowledge and skills, required for a satisfying and growing career. Following the processes of quality assurance as per ISO certification and National Board of Accreditation (NBA), continuous internal evaluation is imbibed in the teaching learning process; so as to identify slow and advanced learners and taking appropriate actions at the earliest. The teaching pedagogy includes abundant use of ICT tools and giving opportunity to students for collaborative and participative learning for better immersive experiences and understanding of the subjects.

The institute is committed to the professional growth of the faculty as well and extends all kinds of support in research and continued learning through FDPs/conferences and workshops. A number of learning resources are acquired and subscribed on regular basis for providing access to latest technologies and trends for faculty and students. Chapters of professional societies and branch wise student societies provide platform to the students for organising various events and interact with outside world.

The infrastructure created for the purpose is updated regularly and provides an academic ambience with provisions for sports, cultural and extra-curricular activities. Various clubs formed with student executives are made responsible for organising events and activities round the year for lateral growth of other skills. The hostel, mess, cafeteria, gymnasium, medical facility for regular health check-ups for inmates are well maintained and help in better campus life. Bus facility is also available for day scholars and staff.

For encouraging innovation and entrepreneurship among the graduating students, regular activities are conducted by IIC and an Innovation and Incubation Lab is operating 24x7 providing all kinds of support. The students are supported for participation in national events and recently won 'SIH 2020' and 'Agri-India Hackathon' along with many other awards. Scholarships and Freeships are provided to meritorious students by institute and government scholarships are made available to special classes.

Concluding Remarks:

Since the beginning, the institution has focus on delivering best and quality education in the fields of engineering and management. It is being governed by the policies laid by management and operating as per the directives set by AICTE/Affiliating University RTU, Kota. Considering the best practices of the leading technical institutions, many good practices are adopted and as a result, the institute is able to stand-out in the state as one of the best institute. The report has been made trying to put in all the attainments during the assessment period, still many more are left out for need of exhibits.

EXCLUDED METRICS**List of Excluded Metrics****3 Research, Innovations and Extension : Weightage (120)****3.1 Resource Mobilization for Research : Weightage (15)**

| Ref No | Details of Metric | weightage | Metric Performance |
|--------|--|-----------|--------------------|
| 3.1.2 | Percentage of teachers recognized as research guides (latest completed academic year) (Metric Type : Derived , Question Type : QN , Evaluation : By DVV , Nature : Value) | 5 | 2.36 |

3.3 Research Publications and Awards : Weightage (25)

| Ref No | Details of Metric | weightage | Metric Performance |
|--------|---|-----------|--------------------|
| 3.3.1 | Number of Ph.Ds registered per eligible teacher during the last five years (Metric Type : Derived , Question Type : QN , Evaluation : By DVV , Nature : Value) | 5 | 1.33 |

4 Infrastructure and Learning Resources : Weightage (100)**4.1 Physical Facilities : Weightage (30)**

| Ref No | Details of Metric | weightage | Metric Performance |
|--------|---|-----------|--------------------|
| 4.1.4 | Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs) (Metric Type : Derived , Question Type : QN , Evaluation : By DVV , Nature : Value) | 10 | 3.48 |

5 Student Support and Progression : Weightage (130)**5.2 Student Progression : Weightage (25)**

| Ref No | Details of Metric | weightage | Metric Performance |
|--------|---|-----------|--------------------|
| 5.2.2 | Average percentage of students progressing to higher education during the last five years | 10 | 3.59 |

| | | | |
|--|---|--|--|
| | (Metric Type : Derived , Question Type : QN , Evaluation : By DVV , Nature : Value) | | |
|--|---|--|--|

ANNEXURE