



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY

**NELLORE-BOMBAY HIGHWAY, GANGAVARAM (V), KOVUR (M), NELLORE
DISTRICT**

524137

www.gist.edu.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Geethanjali Institute of Science and Technology (GIST) is a self-financed Engineering Degree college, established in 2008, approved by AICTE and permanently affiliated to the Jawaharlal Nehru Technological University Anantapur, Andhra Pradesh. The Institution is managed by Ushodaya Educational Society, Nellore, for imparting quality technical education to the deserving and meritorious students.

The Institution is located in a picturesque lush landscape having a sprawling campus of 13 acres with a total built up area of 18,200 Sq M., in a serene rural environment near Gangavaram village, Nellore District. The Institute currently offers five UG programmes in Engineering and two Polytechnic programmes (in II Shift).

Out of the total seats, 70% seats are filled by the State Government based on State wide common entrance test (EAMCET) ranking on merit basis following the reservation policy of the state government. The remaining 30% of seats are filled under the management quota, by merit, among the seekers from within and other states.

Establishing academic standards par excellence, GIST envisages the overall development of the students and offers qualitative, enduring, enriching, educational experience. GIST aims to create industry-ready professionals and entrepreneurs by infusing the right blend of technological expertise and professional acumen, and sensitize them towards contributing to society.

Although GIST is affiliated to the JNTUA and follows the prescribed curriculum, our rigorous academic delivery plan integrated with ICT enabled teaching–learning processes and our monitoring system, encourage innovative thinking, problem-solving capabilities and research orientation among learners. Adequate emphasis is given for co-curricular and extra-curricular activities and a plethora of opportunities are offered to enrich one's personality.

The college has 145 well qualified, experienced and committed faculty members, out of which 29 faculty members have Ph.D. degree and 22 faculty members are pursuing Doctoral programmes from various reputed Universities. Faculty members are encouraged to organize seminars/workshops, engage in research, consultancy and publication. The institution conducts remedial classes, bridge courses, communication skills development programs, pre-placement training, group-discussions etc., for overall development of the students. It also conducts Workshops and Guest Lectures by inviting experts from the academia and industry to upgrade the technical skills of students.

Vision

Vision:

To emerge as a leading Engineering institution imparting quality education

Mission

Mission:

Effective teaching-learning strategies for quality education

Congenial academic ambience for progressive learning

Skill development through Industry-Institute initiatives

Nurturing environmentally conscious and socially responsible technocrats

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Recognized by UGC under section 2(f) & 12(B) of UGC Act 1956.

ISO 9001:2015 Certified Institution

CM Skill Excellence Centre established in 2018 with collaborative support and funding by APSSDC to a tune of Rs. 15 Lakhs

Remote Centre of IIT Mumbai (RC ID : 1294) under NMEICT, MHRD, offering funded FDPs, Online certification programmes through Spoken tutorials for students since 2010.

e-Yantra lab is set up through IIT, Bombay

MOUs with reputed industrial and research organizations.

Authorised TCS-ioN Online Exam centre

Professional Student Chapters like ISTE/CSI/IEEE/IETE/IE

Incentives for student-participants in National sports/games.

Financial Assistance to staff and students for attending and presenting technical papers in National/International conferences.

IQAC has been established to improve TLP.

Training & Placement Cell to provide continuous training for students.

Industry - Institute Interaction Cell

Student participation in community development programmes through NSS

Active registered Alumni Association.

Excellent infrastructural facilities:

36 number of spacious ICT enabled and well furnished class rooms.

Well equipped laboratories, Computer Centres, Workshops, Project laboratories and Language laboratory.

Central Library and information centre with OPAC System implemented having 34,700 volumes of text books, reference books, JNTUA consortium e-journals, e-books, e resources, N-LIST, J-Gate and DELNET facility.

Spacious auditorium with 500 seating capacity.

Entire campus is Wi-Fi enabled

Captive power system of capacity 125 KVA.

Green campus initiatives – Solar energy, Rainwater harvesting and LED lighting.

Electronic surveillance through CC Cameras for safety and security

Ragging-free Campus.

Student Mentoring on one-to-one basis

Active Parent-Teacher-Student association

Separate common rooms for boys and girls

Spacious play ground, Indoor games and Gymnasium facility

Canteen facility for students and staff

Spacious vehicle parking area

Hostel facility for boys and girls inside the campus

Hygienic and safe drinking RO water facility

Faculty:

Having 145 well qualified, experienced faculty members, of which 29 faculty members have Ph.D. degree and 22 faculty are pursuing Doctoral programmes from various reputed Universities. The faculty members have published over 600 technical papers during last 9 years in reputed journals and conference proceedings.

College sponsors faculty for PhD. Incentives and rewards for research paper publications in journals.

Institutional Weakness

Dearth of senior faculty with industrial / research experience.

Funded research projects not obtained though proposals are submitted. Quality of proposals in allied and thrust areas need to be improved.

Only very few consultancy activities in Civil Engineering are being carried out which needs to be improved and taken up by all other Departments.

Lack of patents filed, inter disciplinary collaborative research which needs to be improved.

Delayed release of fees reimbursements for students by the state government.

Being a self financed institution, government funding is conservative

Heterogeneity in the quality of student input.

Restricted freedom in Curriculum planning and development.

Counselling of students for competitive examinations need to be enhanced.

Books publication by faculty needs to be enhanced.

Institutional Opportunity

Global demand for technical manpower is ever growing.

Interdisciplinary research opportunities are available as experts in diversified streams are available at GIST

State of the art infrastructure and training at GIST will enable students to reach excellence.

Better exploitation of consultancy and funded R & D projects.

To develop facilities and consultancy for revenue generation

Accreditation of all the Programmes.

Enhancing Information and Communication Technology (ICT) through MOOCs, blended learning, flipped classrooms for better TLP.

To encourage students and faculty to involve in Patentable products through better projects. Collaborative student-projects with industries.

To enhance student participation in National and International competitions.

State Government is providing financial aid to the student's from weaker section for offering Engineering education at affordable cost.

Institute willing to become autonomous under UGC and seek funds for cutting edge technologies in emerging areas of Engineering.

Design of own curriculum in line with industry requirements periodically.

To offer Certificate programmes and value added courses in association with professional bodies & industry associations.

Maintaining Strong alumni base to strengthen industry links.

Facility to groom entrepreneurial skills among the students.

Institutional Challenge

Lack of academic autonomy especially in designing curriculum and syllabus.

Though a small consultancy activity is being carried out, larger scope for Consultancy assignment from industries need to be realised.

Networking with institutes of repute can be improved.

Majority of admissions are from rural areas causing concern for improvement in communication skill.

Challenge of employability for students.

Strengthen the Industry Institute Interaction for better placement of students.

Zero drop-out rate, Credit shortage & attendance detentions.

Linking the research outcome to industry applications.

Socially relevant projects and real time projects to be pursued by the faculty and students.

Financial sustainability.

More faculty with industrial exposure

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Geethanjali Institute of Science and Technology (GIST) is affiliated to JNTUA, Ananthapur and adopts the curricula designed and offered by the University. Keeping abreast with the rapid changes in technological developments and modern education system, the Institution aims to provide quality education to its students.

The institution emulates action plan for effective implementation of the syllabus prescribed by the university. The Principal conducts meetings with HODs and develops strategies for the effective implementation of the curriculum. As per the requirements of Outcome Based Education, Course Outcomes, Programme Educational Objectives and Programme Outcomes are defined in consistence with the vision and mission of the college. Course files are prepared by subject teachers containing details of the teaching plan, teaching methodologies and student performance.

The institution conducts various value added and certificate courses for students in addition to the academic programmes offered by the university to impart technical and life skills. The students are guided towards better career options by organising guest lectures and coaching classes and invites aspirant companies for campus recruitment.

Guest lectures, workshops, seminars, industrial visits and extra-curricular and co-curricular activities including technical events are conducted for the overall development of students and to cultivate cultural, moral and spiritual values. The institution supports the students to undertake field trips and internships at various industries. Students are given awareness on issues related to gender equality, climate change, environmental science, human rights and ICT through various initiatives and programmes.

Feedback system is formulated and practiced for effective implementation of the prescribed syllabus. The institution also obtains feedback from other stakeholders like teachers, alumni and parents.

The faculty members are encouraged to pursue Doctoral programmes and attain additional qualifications so as to ensure excellence in teaching quality. They are encouraged to actively conduct research, publish papers in National and International Journals and Conferences. The institution oversees effective curriculum delivery through a variety of measures which include workshops and training programmes for teachers, deputation of teachers for knowledge empowerment and up gradation programmes, provision of ICT environment, provision of physical and virtual library facilities, and many more.

Teaching-learning and Evaluation

As per the academic calendar, faculty members are instructed to schedule their teaching and evaluation in interactive and participative methods. Preparation of the course material, lesson plan,

Class work, laboratory sessions and assessment of internal and external examination is periodically monitored by HODs. The teaching-learning process is planned, assigned, supervised and assessed by the IQAC. All possible efforts are made by the management to recruit and retain competent faculty.

An Induction program is conducted for newly admitted students at the start of the session to make them aware about the facilities, faculty, committees, student clubs etc., Internal evaluation system of the college includes

two mid-term examinations (I & II) at the end of the semester on complete syllabus. Attendance and progress reports are sent to parents after internal assessment tests. A well-defined mechanism is in place for assessing the learning levels of the students and for improving their academic performance.

Slow learners are identified from their performance in internal assessment tests. They are counselled and remedial classes are scheduled for them. Advanced learners are given special attention through Value Added Courses in Program specific domains, quiz programs, role plays, group discussions, seminars, projects and presentations to bridge the gaps in academics and industrial practices. Communication classes and personality development classes are scheduled along with regular timetable. Mentoring system helps students to share their problems faced in their academic and personal life with the faculty and finding necessary solution. Various student centric events are organized to nurture critical thinking in lifelong learning. Learning through NPTEL, e-learning material, journals and periodicals, development of mini and major Projects, Industrial visits, Field work/ site visits, Industrial Internships, Technical competitions, Seminars and Symposiums etc. are encouraged among students.

Planning, dissemination, implementation and monitoring of CIE components are carried out with adherence to the Academic Calendar with transparency. For all the programmes being offered in the Institution, the COs, POs and PSOs are well defined. Based on the attainment levels, add-on efforts are identified for further improvement. Timely student satisfactory surveys are conducted and feedbacks are discussed in the respective committee for proper action.

Research, Innovations and Extension

The institution has a functional R & D cell for promoting and nurturing research culture and encourages teaching staff members to undertake research and pursue Doctoral programmes in reputed Universities. The institution has 27 faculty members with Ph.D. degree and 22 faculties are pursuing Doctoral programmes through External registrations from various reputed Universities across India. Faculty members are encouraged to organize seminars/workshops, and engage in research, publication of papers in refereed journals and national and international conferences and consultancy.

The faculty and the students are encouraged to utilize the e-resources through INFLIBNET and NDL. To encourage industry institute interaction, MOUs with Industries have been signed and

Industry based projects are also carried out. The Institution organises National & International conference every year.

The institution is keen in serving the society through extension activities conducted with the active and enthusiastic involvement of the faculty and students. The students are socially motivated for voluntary participation in community service programmes organized by NSS. Linkage with industries, reputed institutions, and social service organizations is formed for enhancing research, providing hands-on experience, on-job training and carrying out social welfare programmes. A number of extension activities have been organized such as blood donation camps, Swach Bharat, eye camps, veterinary camps and awareness programs on road safety, air pollution and legal aid along with several community service programmes are regularly been conducted in which the public, School children and teachers, hospitals, government agencies, etc. have been benefitted. The extension activities help students to develop service mindedness and inculcate moral values and leadership qualities.

Infrastructure and Learning Resources

The institute has 18200 Sq. M of constructed carpet area which accommodates 36 number of spacious ICT enabled and well furnished lecture halls, tutorial halls, well equipped laboratories, Computer centres, Workshops, Project laboratories, Language laboratory, spacious auditorium with 500 seating capacity and sufficient number of staff rooms which provide the necessary teaching-learning resources. The training and placement cell is well established with Group discussion room, Interview rooms and seminar hall.

Canteen, common rooms and Hostel facilities for boys and girls inside the campus, Spacious vehicle parking area, play grounds, Indoor games and Gymnasium, Captive power systems of 25 KVA & 62.5 KVA with 11KV substation are available in the institution. 150KWp Grid connected Solar PV Power plant is established for generating solar power and integrated with APSPDCL.

A Central Library with (620 Sq. M) having 34,700 volumes books, reference books, handbooks, encyclopaedias, JNTUA consortium for e-journals, e-books, e resources, N-LIST, J-Gate and DELNET facility caters to the learning requirements of the faculty and students. The library uses OPAC and is fully automated with the ILMS. Specialized services like Reprography and remote access to e-resources facilities are provided. CDs & DVDs are also available as electronics resources. Library has a dedicated reference section, reading room and a computer section.

The institute is constantly upgrading both the software and hardware as per the prescribed norms and academic standards. The IT infrastructural facilities include 428 desktop computers and 37 laptop computers which provide 1:6 computer-student ratio, sufficient printers, 70 Mbps band width of the Internet connection with e-content development facility. The campus is Wi-fi enabled apart from high speed LAN facility linking all the departments. Free and Open source software is widely encouraged and used in the servers and systems.

Campus facilities are being well maintained through the appointment of full time supervisor,

regular electrician, IT admin and technicians. UPS and generator facilities help to provide continuous power and RO unit supplies treated drinking water supply throughout the campus. The college campus is green with well-maintained lawns, trees and plants.

Student Support and Progression

The institution provides all the necessary information to the students and parents through its prospectus, calendar and website. Students from economically weaker sections from categories like SC/ST, BC and EBC are supported by scholarship & free ship from Government of Andhra Pradesh.

Various curricular, co-curricular and Extra-curricular activities are conducted for students. Student participation in various co-curricular and extra-curricular activities is promoted by offering a number of events/programmes helping overall development. Coaching for competitive examinations, academic/career counselling, placement activities, grievance redressal, and welfare schemes support the student community in all possible ways.

Parent-Teachers meetings are organized periodically to inform about the progress of their wards apart from regular cell phone messages and alerts. Department wise news-letters and magazines are released periodically which highlights the main events, programs and achievements of the respective departments.

Student performance in the UG programmes is satisfactory in the past five years. Student Mentoring is provided in academic, personal and social issues for students. Slow learners are identified through the internal assessment test and they are supported through remedial classes and extra coaching classes.

The institute has an effective Training and Placement Cell (TPC) and it invites eminent resource persons from reputed industries and consultancies for conducting training programs for the students to develop their aptitude, logical skills and communication skills. Pre-placement training sessions are conducted for students in coordination with external agencies and faculty members for enhancing placement opportunities.

Wide range of activities are organised for the students, which inculcates in them an attitude to develop communication, interpersonal and life skills and competencies. Students are being offered with a number of activities for participation in NSS, sports and games and cultural events.

The Anti-ragging committee conducts awareness on consequences of ragging incidences to the senior students with the help of local administrative authorities.

The Alumni Association has strengthened the alumni relationship with the Institute through its yearly meetings and regular interactions. The Alumni Association contributes in academic matters and in student support.

Governance, Leadership and Management

The institution strives to address the educational needs of the students by providing quality education, utilizing technological developments and inculcating moral and human values in them. The staff members of the institution are supported by the Management and Principal in providing proper administrative and financial support, leadership at various levels and promoting participative management culture. Various academic and administrative committees are constituted with specific allotted task as per the academic and administration plans of the college.

The Institute promotes decentralisation and involvement of staff in various administrative and academic activities. The institute has hierarchical organizational structure with well defined roles and responsibilities. The organizational structure of the Institution provides opportunities to the Principal and staff members to participate actively in the administration and development of the college. Principal and HODs monitor & plan quality improvement strategies taking into consideration the feedback of all relevant stakeholders.

Suggestions for up gradation and development of infrastructural facilities, teaching-learning processes, library resources and the introduction of new academic programmes are discussed at the Department Committee and College Academic Committee meetings are placed before the Governing Body for deliberations and consideration.

The Principal with the approval and guidance of the Governing Body ensures the recruitment of qualified and competent faculty. The institution strives for professional development of the staff by deputing them for FDPs, refresher courses, seminars, conferences, workshops, training programmes. All teaching and non-teaching staff members are covered under Group Insurance Scheme, Maternity leaves and Paternity leaves etc.,

Institution's internal audit and external audit ensure proper utilization of the available funds.

The Internal Quality Assurance Cell of the institution monitors all the activities. Prior to IQAC cell, institute

was practising self disciplined model in all facets of its operations, however after IQAC formation many polices are formalised. Internal Quality Assurance Cell is established by the Institute for continuous improvement of quality and achieving academic excellence. IQAC has initiated several quality reforms to improve teaching-learning processes and adopting ICT enabled environment for smooth functioning of academic and administrative processes.

Institutional Values and Best Practices

ICT enabled teaching-learning environment enriches the learning experience of the students. Implementation of Free and open source Software with Linux based environment in the entire Computer laboratories thereby limiting the usage of proprietary software provides an environment for staff and students to develop source coding capabilities and keep updated in technology front.

Innovation Club, Technical Clubs and Entrepreneurship Development Cell have been established to meet the challenges and needs of the society. Intranet and internet facility to the departments and office enabled online student attendance entry, administrative communications, and accessibility to e-resources.

The Institution in its quest for excellence, has put forth many best practices which include scholarships for the deserving students on merit cum means basis, organising blood donation camps, group insurance for staff and students, career guidance for student progression, seminars, conferences and workshops for knowledge enrichment, first-aid training for strengthening student capabilities.

Environmental issue is of immense importance. Carbon neutrality is taken care of, by maintaining good green cover in the campus. As a part of Green initiative, eco-friendly measures have been initiated like tree plantation, construction of rain-water harvesting plant, installation of solar power panels, use of LED lighting, programmes on environmental awareness, etc.

The institute has a ratio of nearly 60:40 male female staff and students, promoting the gender equity. The Institute provides girl's common room and sufficient wash rooms as a facility to the female students and staff members.

The Institute believes in promoting human values, national integration and communal harmony by observing National Festivals and anniversaries of great Indian personalities with an active participation from students and staff.

The Institution has a balanced Student Mentoring system to support, guide and motivate the students into a complete professional with human values and social responsibilities.

Transparency in financial, academic, administrative and auxiliary functions is also maintained by the institute and demonstrates them in the real practices through various bodies.

The institution has undertaken numerous safety and security measures by installing CCTV cameras at prominent places. Fire fighting equipments are installed and 24 hours security is provided in the campus for boys and girls hostels.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
Address	Nellore-Bombay Highway, Gangavaram (V), Kovur (M), Nellore District
City	Nellore
State	Andhra Pradesh
Pin	524137
Website	www.gist.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	G. SUBBA RAO	08622-212769	9010588588	-	geethanjali@gist.edu.in
Associate Professor	V. SIREESHA	0861-2338542	9494637642	-	sireesha@gist.edu.in

Status of the Institution	
Institution Status	Private

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	28-06-2008

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Andhra Pradesh	Jawaharlal Nehru Technological University, Anantpur	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	22-06-2017	View Document
12B of UGC	31-07-2019	View Document

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	25-04-2019	12	AICTE EOA granted for the full Academic year

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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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	Nellore-Bombay Highway, Gangavaram (V), Kovur (M), Nellore District	Rural	13	18200

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Computer Science And Engineering	48	Intermediate	English	120	120
UG	BTech,Electronics And Communication Engineering	48	Intermediate	English	180	176
UG	BTech,Electrical And Electronics Engineering	48	Intermediate	English	60	53
UG	BTech,Civil Engineering	48	Intermediate	English	120	77
UG	BTech,Mechanical Engineering	48	Intermediate	English	60	59
PG	Mtech,Computer Science And Engineering	24	B.Tech.	English	9	0
PG	Mtech,Electrical And Electronics Engineering	24	B.Tech.	English	9	0

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	9				40				96			
Recruited	8	1	0	9	27	13	0	40	61	35	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				99
Recruited	69	30	0	99
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				23
Recruited	17	6	0	23
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.	8	1	0	12	3	0	3	2	0	29
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	15	10	0	58	33	0	116

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		Total
	0	0	0	0	0

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Diploma	Male	332	0	0	0	332
	Female	12	0	0	0	12
	Others	0	0	0	0	0
UG	Male	1120	11	0	0	1131
	Female	957	1	0	0	958
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	31	35	27	38
	Female	21	18	23	20
	Others	0	0	0	0
ST	Male	11	1	4	2
	Female	1	3	3	3
	Others	0	0	0	0
OBC	Male	174	165	150	182
	Female	104	105	130	112
	Others	0	0	0	0
General	Male	96	106	123	97
	Female	114	121	115	120
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		552	554	575	574

3. Extended Profile

3.1 Program

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

Response: 1028

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2018-19	2017-18	2016-17	2015-16	2014-15
7	7	7	7	7

3.2 Students

Number of students year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
485	492	506	520	364

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 the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
279	279	279	279	279

File Description	Document
Institutional data in prescribed format	View Document

Number of outgoing / final year students year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
520	389	507	422	446

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

Number of full time teachers year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
145	143	122	122	102

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of sanctioned posts year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
145	143	122	122	102

File Description	Document
Institutional data in prescribed format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 39

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

2018-19	2017-18	2016-17	2015-16	2014-15
514.25	429.53	422.73	431.56	448.37

Number of computers

Response: 428

4. Quality Indicator Framework(QIF)

Criterion 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

Response:

Geethanjali Institute of Science and Technology is affiliated to Jawaharlal Nehru Technological University Anantapur, Ananthapuramu and scrupulously follows the curriculum as per the academic calendar prescribed by the University. The Institution implements the approach of outcome-based education. The College Academic Committee formulates a functional calendar for the Institution well before the commencement of every academic year/semester to ensure comprehensive implementation of all the proposed activities. Individual departments prepare their own internal calendar incorporating their curricular and extra-curricular activities.

- JNTUA calendar
- Institutional calendar
- Departmental calendar

The Heads of the Departments in consultation with the Principal allocate the courses to the members of faculty based on their specialization and experience. The faculty for the allotted subjects are responsible to prepare and collect:

- Lesson plans
- Course materials
- Question papers of the previous years
- Question Banks
- Content beyond the syllabus
- ICT materials.

Need-based teaching-learning strategies are adopted, such as:

- Conventional Chalk and Talk
- Power Point Presentations
- Poster presentations
- Video Lectures
- NPTEL Course Materials
- Assignments
- JAM
- Projects
- Quiz
- Group Discussions
- Guest Lectures
- Case studies

Active learning methods includes

- Jigsaw
- Think pair share
- Fish bowl method
- Brain storming
- Pick up and answer
- Pin wheel method
- Role play

A fully established laboratory helps the students to enrich the practical experience in subjects by the curriculum and additional experiments. In addition, Industrial visits are planned for the students to enhance their level of comprehension through real time experience.

The Institution has well equipped computerized library which includes:

- Adequate number of books,
- E-books,
- Magazine
- E-journals
- Reference Books.

The bridge courses are conducted for the B.Tech I year students at the commencement of every academic year for preparing them to meet the intellectual challenges of the university education.

Feedback is obtained periodically from the students, alumni, staff, parents and employers in order to identify the gaps in the curriculum and explore diverse avenues to address the same. The identified gaps between the curriculum and industrial requirements are bridged through

- Certification Courses
- Value added Courses
- Seminars
- Guest Lectures
- Workshops

The Institution encourages the faculty members in various ways to enhance their skill-set by facilitating participation in

- In-campus FDPs conducted by IIT Bombay and other reputed agencies
- Workshops
- Conferences

The Institute has effective mentoring system with 1:20 staff, student ratio for personalised attention to the individual requirements of the students. The mentor meets the mentees periodically, identifies and addresses the problems and communicates the same to the parents.

The Institution has a well-structured hierarchical system of delivering the academic inputs along with a well-defined supervisory mechanism and close coordination and integration among various committees

formulated for the specific purpose like-

- Class Committees
- Department Academic Committees to ensure the proper implementation of the curriculum.
- Internal Quality Assurance Cell (IQAC) to audit all the academic activities.

All the functionalities of the Institution are transparent and are displayed on websites and channelled communication.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 62

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
22	22	11	6	1

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Details of the certificate/Diploma programs	View Document
Any additional information	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 0

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Details of participation of teachers in various bodies	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years	
Response: 72.47	
1.2.1.1 How many new courses are introduced within the last five years	
Response: 745	
File Description	Document
Minutes of relevant Academic Council/BOS meetings.	View Document
Details of the new courses introduced	View Document
Any additional information	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented	
Response: 100	
1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.	
Response: 7	
File Description	Document
Name of the programs in which CBCS is implemented	View Document
Minutes of relevant Academic Council/BOS meetings.	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years
Response: 164.6

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

2018-19	2017-18	2016-17	2015-16	2014-15
1876	1542	301	302	19

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

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

Response:

The Institution visualizes and supports comprehensive development of the students including adequately addressing the sensitive issues related to gender, taking into cognizance the need for human values, professional ethics and environmental awareness.

The curriculum of JNTUA incorporates some of these aspects into its very framework and facilitates realization of these projected objectives of the Institution. Such courses include:

- Environmental studies (15A01101)
- Disaster Management and Mitigation (15A01607)
- Human Values & Ethics -audit course- (15A99501)
- Energy Audit Demand Side Management (15A02706) and
- Environmental Engineering (15A01703)

Environmental Studies throws light on:

- Preservation of natural resources – forests, minerals, soil, food, water, energy
- Eco-system, Bio-diversity
- Environmental pollution – solid waste management
- Population explosion
- Global warming , Ozone depletion – acid rains
- Environmental ethics, Environmental legislations

Disaster Management and Mitigation focuses on

- Various categories of environmental hazards/ and disasters,

- Appropriate measures to be adopted for the disaster-management
- Flood Control procedures and mitigation of human & environmental losses.
- Problems consequent to deforestation

Human Values & Ethics underlines the importance of

- The institutions of family and society
- Nation building & National integration
- Proper utilization of the potential resourcefulness of the youth
- Role NCC, NSS, Physical Education and Yoga for a healthy individual self.

Energy Audit Demand Side Management studies the pressing issues of

- Deficiencies in proper utilization of produced power.
- The possible energy losses due to transmission and misuses
- Use of power efficient and power conserving technologies
- Efficacy of gadgets such as LEDs is explored.

Environmental Engineering concentrates on healthy environment through:

- Water management
- Waste water treatment
- Pollution of different categories
- Solid waste management
- Sanitation.

The institution constituted exclusive Committees to initiate and implement diverse gender specific programmes such as

- Women's health-personal hygiene
- Women's Day
- Gender Champion
- Awareness for legal rights for women
- Women in India and their mental health
- Save Women rally

The societal responsibility of the Institution is well established in its multifarious activities through its NSS wing such as

- Swacha Bharat
- Blood donation
- Tree Plantation
- Voter's Day
- Janmabhoomi Manam-Vanam

In order to develop health awareness, the college scaffolds the less privileged and moderately informed rural people through some of its programmes such as

- Rally on Seasonal Diseases
- Rally on Menace of Mosquitoes
- Rural Health Camps’.
- Unnat Bharat Abhiyan- adopting a village Pothireddy Palem, conducting
 - Eye camp
 - Dental camp

The Institution observes all the important and national events such as

- Independence Day & Republic Day
- National Education Day
- National Unity Day
- National Constitution Day
- Awareness on Voter Enrolment
- Teachers’ Day
- Engineers’ Day
- Mathematics Day
- Birth & Death Anniversaries of National Leaders

In addition, the institution imparts assistance to the poor and needy people through voluntary donations. The student volunteers visit orphanages and attend to the needs of the deprived there.

File Description	Document
Any Additional Information	View Document
Link for Additional Information	View Document

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 28

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 28

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Brochure or any other document relating to value added courses.	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking field projects / internships**Response:** 4.12**1.3.3.1 Number of students undertaking field projects or internships****Response:** 20

File Description	Document
List of students enrolled	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.4 Feedback System**1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise****A. Any 4 of the above****B. Any 3 of the above****C. Any 2 of the above****D. Any 1 of the above****Response:** A. Any 4 of the above

File Description	Document
Any additional information	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:**A. Feedback collected, analysed and action taken and feedback available on website****B. Feedback collected, analysed and action has been taken****C. Feedback collected and analysed****D. Feedback collected**

Response: E. Feedback not collected

File Description	Document
Any additional information	View Document
URL for feedback report	View Document

NAAC

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description

Document

List of students (other states and countries)

[View Document](#)

Institutional data in prescribed format

[View Document](#)

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 93.75

2.1.2.1 Number of students admitted year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
558	554	575	574	421

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
558	576	576	576	576

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per

applicable reservation policy during the last five years**Response:** 52.33

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

2018-19	2017-18	2016-17	2015-16	2014-15
152	153	155	162	108

File Description	Document
Institutional data in prescribed format	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, after admission and organises special programs for advanced learners and slow learners****Response:**

The Institution strives hard to design and develop student-centric approaches and activities to address the individual requirements of diverse levels of students.

Orientation Programme:

Students are admitted through a set pattern through EAMCET and other lateral processes.

The Orientation Programme after the admission process familiarizes the newly joined students and parents about the technical education. The management, administration and motivational speakers from industry and academia interact with the students explaining the vision, mission and policy statement of the college during the course.

Bridge course:

A Bridge courses is organized by the Institution to help the fresh students to reorient themselves by distinguishing between content learning and skill learning with application orientation.

Identification of Slow and Advanced learners:

Slow and advanced learners are identified in a bid to provide personalized attention and initiate appropriate individual measures. Students scoring over 60% in the first midterm examinations are considered advanced learners and those with less than 60% as slow learners.

Several parameters have been used to identify the slow and advanced learners such as

- Intermediate Marks
- EAMCET rank,
- Class room and Laboratory interactions and performance
- Performance in the I Midterm Examinations
- Motivation levels
- Levels of enthusiasm & participation

Slow Learners

The areas of deficiencies of the slow learners are identified through mentors, class teachers and individual interactions and adequate remedial measures have been initiated such as

- Remedial classes
- Creating peer-learning ambience
- Group activities clubbing with advanced students
- Bi-lingual approach at times to make them feel at ease.

Advanced Learners

Similarly advanced learners are provided with several opportunities for enhancing their multi-dimensional competencies towards accomplishing their goals, such as:

- A team of In-house trainers impart intense training as per well visualized and structured training schedules integrated into the college schedules in the areas of
- Aptitude,
- Communication skills,
- Core skills
- Employability skills.
- In order to promote and create avenues of higher education, training

programmes are arranged beyond the college working hours in:

- GRE
- Skilled professional resource persons are invited for equipping the advanced

students in the technical skills in the areas of

- C Programming and Data Structures
- Core Java
- Python
- IoT
- CAD

Overall Student Development Approaches

The Institution envisages several tested and tried methods as well as innovative approaches for the overall development for the students.

- **Tutorials:** A tutorial hour per week per course ensures closer interaction with the students.
- **Mentoring:** A dedicated mentor closely monitors a batch of 20 students providing guidance.
- **Career advancement & Professional Guidance:** Training and Placement Cell providing professional guidance and appropriate training.
- **NPTEL** resources are regularly accessed by the students for enhancing their domain knowledge.
- **Symposium:** Annual TechFest and Srujana programmes are organized to provide a platform to showcase the multifarious talents of the students in paper presentation, poster presentation, quiz and so on.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.2.2 Student - Full time teacher ratio

Response: 14.41

File Description	Document
Any additional information	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

File Description	Document
Institutional data in prescribed format	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

Response:

Student Centric Methods:

The institution visualizes and implements several student-centric approaches for enriching the learning experiences to enhance their comprehension levels through carefully designed self-reliant strategies of learning with more participation and involvement. They are encouraged to self-explore the avenues of self learning and experiential learning.

Student-centric learning:

The following psychological and perceptive components of the learners are considered in evolving strategies:

- Their diverse learning priorities
- Different learning competencies and styles of learning
- Distinct backgrounds in knowledge base and learning experiences
- Varying needs and interests of the learners
- Possibilities to make the learner important in learning experience
- Quest for scope for collaborative learning through pair/group activities
- Recognizing the uniqueness of the learner and frame the pace and content accordingly.
- A perceivable shift from the approach of generalization to individualization.
- Creating congenial learning ambience giving proper expressional freedom

Faculty's Role

The Institution redefines the role of the teacher to accomplish the projected student-centric learning objectives. The teacher is expected to

- Act as a facilitator of knowledge
- Consider and focus on the individual differences and uniqueness of the learners in their comprehension levels, while designing the content, pace and learning ambience.
- Involve the students in the acquisition of knowledge and evaluation process as well they are practicing additional experiments in labs and participating in Association Activities
- Provide assistance to the learner in accessing the repositories of information.
- Integrate technology
- Giving Assignments to enhance and Sensitize the learners in the direction of self-learning processes
- Substitute the conventional home-work practices with innovative in-class activities.

Individualized Activities:

Adequate training and encouragement is provided to the students to participate in seminars, conferences and projects and present papers and posters. Regular library time is provided for accessing current journals and reference books. Tasks for problem-solving are visualized and implemented.

Coding Competitions

Competitions in solving the challenges in coding are organized during Tech-Fests and other academic events, to develop technical and logical skills among the students and to improve their creative-critical thinking and problem-solving skills.

Spoken Tutorial:

The Institution accesses and organizes the training sessions of the educational content portal, Spoken Tutorial, where a student can learn various Free and Open Source Software all by oneself. All the content published on this website is shared under the CC BY SA license.

Digital Resources

Several digital resources are kept available for the students to encourage the culture of self-study, research and participatory learning. NPTEL video lectures, e-journals, e-books, CDs, DVDs, and access to innumerable internet resources through high-speed broad band connectivity are provided to the students.

Experiential-Learning

The Institution continuously evolves strategies to involve the students comprehensively in the experiential learning processes. As part of these industrial trips, field visits, projects, participation in presentations and workshops and internships envisaged on regular basis to create real-time learning experience to the students.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 145

File Description	Document
List of teachers (using ICT for teaching)	View Document
Any additional information	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 3.91

2.3.3.1 Number of mentors

Response: 124

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

Student centered methods are an integral part of the pedagogy adopted by the faculty. The institution has made a conscious effort to shift from the traditional teacher-centric approach to a student-centric one. Experimental learning, participative learning, and problem solving methodologies are used for enhancing learning experiences. The Faculty's role is that of a facilitator who supports self development of knowledge, holistic development and skill building through participatory learning activities such as:

- Internship/Project Work, Mini-projects, Technical Symposium, Seminars, Workshops and paper presentations etc.
- Group Discussion and seminars, Peer teaching, Tutorials, Interactive guest lectures, Role play and industrial visits.
- Moodle and other learning management systems.

And also, the management constantly motivates the faculty to go beyond the tried and tested teaching methods to investigate and innovate for efficacious learning.

Some of them are as follows:

- Incorporating recent technologies
- Teaching through projects
- Creative approach to the syllabus teaching
- Increased use of web resources Innovation in effective utilization of lecture time (45minutes for instruction, 10 minutes for interaction)
- Use of GD, Role Play as part of class room teaching
- Focus on student centered teaching

Supplementary Teaching

- Guest Lectures/Invited Lectures by Industry Experts

- Workshops/Value Added Courses
- Placement related Training
- Industry Visits
- Organizing Seminars/Technical Symposia
- Presentations by using LCD

TEACHING INNOVATION:

A Faculty tries the best way of imparting knowledge among students so that they can understand & apply it.

Innovative Culture:

Our Institutions are integrating Innovation into our Cultures by adapting the following:

- 1) Placing a Priority on teaching Innovation in classroom
- 2) Strategic Planning for implementation of Innovation
- 3) Focus on overall Involvement and enthusiasm in teaching
- 5) Educating faculties about Creativity and Innovation with teaching aids.

Effective Teaching Practice

Effective teaching means optimum collaboration between the teacher and student.

1) Problem-Based Learning approach:

Problem based learning involves posing a question to a group of students who are provided with resources. It is widely prevalent in management education.

2) Project-Based Learning approach:

Project-based learning mostly used in engineering education it begins with an Assignment given to the student to bring out a final product through a design, a model, a device or a computer simulation.

3) Student Centered learning approach:

It refers to providing opportunity to students to take control of their own learning. This approach helps the innovator to identify students learning goals and how they plan their learning.

4) Active Learning approach:

Active Learning means students are involved in doing things and actively participating in the lecture room or laboratory during study or project work.

5) Co-operative Learning approach:

It refers to the student benefits of learning in collaboration with Peers.

6) Personal Development approach;

- PD classes encourage the students to reflect on their learning, their achievements and their career development goals with help of different techniques like self introduction, icebreaker, GD & mock interviews.

PD sessions help the students to realistically evaluate their strength and weaknesses

File Description	Document
Any additional information	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

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years**Response:** 10.01

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
29	16	10	7	5

File Description**Document**

List of number of full time teachers with PhD and number of full time teachers for 5 years

[View Document](#)

Any additional information

[View Document](#)**2.4.3 Teaching experience per full time teacher in number of years****Response:** 10.37

2.4.3.1 Total experience of full-time teachers

Response: 1503

File Description**Document**

Any additional information

[View Document](#)**2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years****Response:** 3.15

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1	2	0	0	1

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 14.78

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
31	25	14	12	14

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

The Institution adheres to a well defined and executed pattern of Continuous Internal Evaluation mechanism as per the norms of the JNTUA as well as the established practices at the Institution.

- In the mandatory midterm examinations, performance is evaluated considering 80% from the better performing midterm examination and 20% from the other, computing to a total of 30% as the internal marks to be combined with the 70% at the end examinations. In the laboratories, the day-to-day participation and performance in the lab activities, interactions, lab viva, and attendance are considered for evaluation.
- On the basis of performance in the I midterm examination and other assessment metrics, slow and advanced learners are identified. Remedial measures are initiated for the slow learners and the advanced inputs and training are imparted to the advanced learners respectively. The progress is assessed and recorded.
- Question Banks and the University Previous question papers are provided to the students for working out and the process is assessed and registered.
- All these processes are under the general supervision of the Heads of Departments, who also consider the reports and feedback from mentors, class teachers and faculty for appropriate remedial

measures or other advanced inputs as required.

- Students are encouraged to submit their reports after the field trips or industrial visits, which also serve as the basis for evaluating their skills in writing in specific formats and generating technical reports.
- Communicative capabilities of the students are specifically assessed based on their performance in seminars, group discussions, debates, JAM sessions, internal workshops and viva
- Result analysis of the University examinations also assists the continuous internal evaluation where the students' high points and deficiencies are identified and addressed accordingly.
- Literary Programmes- essay, elocution and such help periodic assessment.
- The students are regularly assessed in employability skills during CRT.
- Performance in Internal Lab Examinations, comprehensive viva and projects also are metrics for the continuous internal evaluation.

Examination Cell provides valuable inputs in identifying the academically oriented students, so that they can be channelled to pursue higher studies and prepare for competitive examinations and devise appropriate measures for moderate students.

The Institute believes in a transparent internal evaluation process all through and the students are always aware of their levels of performance. This helps them towards serious introspection leading to self-motivation and self awareness. In case of any discrepancy they can appeal to the examination-section which takes appropriate action for such discrepancy in the internal assessment.

Entry level of the students is assessed through written and spoken assignments early in the semester and compared against a similar testing mechanism at the end of the semester to assess the rate of progress in the individual students which is duly informed to the parents.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

Our Institute is affiliated to JNTU, Ananthapur, the rules and regulations for evaluation process are laid down by the affiliating University and are communicated to students through syllabus copies supplied in the beginning of first year of their academic program.

- The schedules of mid examinations are communicated to students and faculty in the beginning of the semester through institute academic calendar.
- One week before the commencement of mid examinations the questions will be uploaded by the concerned subject staff to the examination portal (www.canicome.co.in/exam).
- Question banks are prepared by the concerned staff member and they are issued to the students well in advance.

- Mid timetables are circulated to the departments in one week before the commencement of mid examinations and they are displayed in the exam cell notice board.
- After the correction , the mid answer scripts are distributed to the students and the students can verify their marks.
- Finalized mid marks are displayed in the department notice boards and if any discrepancies notice by the students can be intimated to the H.O.D and necessary modification will be done in the mid marks sheets.
- Schedule for end semester examinations will be communicated during the semester as and when schedule is released by the University.

• The periodic instructions issued by the university are promptly communicated to the students. Such instructions are read in the classrooms and the copy of the same is displayed on the notice boards.

• Further any changes in the evaluation process will be communicated to students and faculty through circulars.

• **Labs assessment:**

The day to day performance of the student is recorded in each lab session and marks are allotted by considering the performance of the student in that lab session , record work and the knowledge of the student on the experiment conducted on the lab session. The marks are allotted in front of the student after completion of viva.

The final lab internal marks are displayed in the department notice board before they are uploaded to the university portal. If any student needs clarification in the marks he can contact the concerned department H.O.D for any clarification.

Projects work assessment:

The project work starts during end of seventh semester. Senior faculty members, HOD and Project Coordinators select one project for each group considering the quality, relevance, University norms. Projects are selected in line with Department mission, vision, PEO, PO and PSOs.

Students submit 3-5project abstracts to the department project coordinator along with their project group members and area of interest.

The project assessment is done through Two Internal reviews,external review

The details of guide allotted to the batch and review schedules are displayed in the department notice boards. The panel of members for the reviews of each batch is also displayed in the notice board.

Seminar Assessment:

The final year students seminar presentations are assessed based on Topic selection,Presentation,Report preparation

The seminar marks are displayed in the notice board of the concerned department.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

The Institute implements all the mandatory practices as have been prescribed by the JNTUA related to the examination-related issues. There is an Examinations & Evaluation Department with a structured hierarchy, taking care of all the exam-evaluation related issues and adequately addressing them. All the processes are transparent and found to be quite effective resolvable within a stipulated frame of time.

- **Exam cell Committee:**

A Exam cell Committee (EC) is constituted to address the examination-evaluation related grievances at the University, Institution and Department levels.

- **Scrutiny**

The grievances are addressed to the EC, who scrutinizes the individual issues carefully, counter checking them with the available data and orally inquiring the students. Only genuine cases requiring attention would be entertained, thereby eliminating the spurious claims.

- **External Grievance - University level**

In case of any grievance regarding the external end examinations, the student can make representation to the University for recount / revaluation in a prescribed grievance form, which the Exam cell Committee processes and forwards to the authorities concerned as per the prescribed norms and procedures for further action without any delay. The students are informed about the response as and when they receive it from the University. Changes, if any, are duly incorporated.

- **Internal Grievance - Institution level**

The EC resolves all the minor issues, clarifications and grievances by initiating required action at the Institution level itself regarding discrepancies, if any pertaining to Internal examinations. The students physically check their scripts in all the internal examinations and consequently the number of grievances is very moderate. Most of the times the issues are resolved there and then right in the presence of the students and incorporated into the data bank without any time lapse.

- **Department level**

Any issues brought to the notice of the EC regarding discrepancies in the assessment at the individual department level, the EC, the concerned HOD along with the subject teacher verify the maintained records and try to resolve the grievance on the basis of its merit. The whole process is transparent and time-bound.

- **Malpractices**

Instances of malpractices are dealt-with in accordance with the established procedures without any deviation and the scales of punishment are scrupulously implemented. All the procedures are duly documented with signatures of erring student, room invigilator and any other authority as per the case.

- **Late permission**

Students arriving late for the University end examinations or the Internal Midterm examinations or not bringing proper authentication hall tickets or delays due to transport and traffic issues are considered based on the individual merit of the case and the students are permitted to give the examination obtaining due declarations, without causing them loss of examination

- **Other Grievances:**

The Department of E & E and the EC, apart from defining the general structure and policies, also are open to any unique issues which may require attention and redressal.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

The Institution ensures an effective implementation of Continuous Internal Examinations (CIE) through a well-defined process. First, the College Academic Calendar is designed on the basis of the JNTUA academic calendar, framed at the commencement of each semester. The individual teachers prepare their own annual academic planner. There are two semesters in an academic year. Each semester consists about 16 weeks of duration. After about 08 weeks of instruction a Midterm examinations is conducted. In case of the laboratories, there is a continuous assessment for every laboratory session. In addition, assignments are conducted at regular intervals.

Ø **Mid-Term Examinations**

Two midterm examinations are conducted per semester with a Descriptive and an Objective paper.

- **Descriptive:**

The descriptive paper is set considering two units with choice of three out of five questions, each for 10 marks and is evaluated for 30 marks.

- **Objective:**

The objective paper is set with 20 multiple choice questions with half a mark each, evaluated for a total 10 marks.

- **Computation:**

The descriptive marks for 30 are computed to 20 marks and added to the Objective marks of 10 and computed for a total of 30. 80% of the better scoring midterm examination and 20% from the other are computed for a total of 30 internal marks. The end examination conducted by the University is considered for 70%. Thus the computation is arrived at for the 100%.

- **Transparency**

The students are encouraged to go through evaluated midterm papers for an assessment of their own performance. In case of any discrepancy, it is resolved there and then in the presence of the student.

- **Laboratories:**

The students are assessed for 30% of the internal marks based on their laboratory attendance, day-to-day performance in the activities, maintenance of observation books and records and the internal lab examination. The CIE accounts for 30% of the Laboratory marks while the other 70% of the marks are from the external lab examination conducted according to the University schedule considering a written examination, activity and the viva.

The pattern of scoring among the students is identified and correlated with the teaching strategies and mapped appropriately with the projected Course Outcomes at the commencement of the course. Appropriate measures for the enhancement of the students' performance in the final examinations are initiated based on the analysis.

The marks obtained by the students are also considered as indicators for identifying the slow learners and advanced learners. The format of Outcome Based Education (OBE) is adopted in conceptualizing the questions

Assignments

Regular assignments are given to the students, though they do not carry any weight age in marks. The assignments are so designed as to enable the students acquire knowledge of concepts beyond syllabus. Every Department prepares its own internal calendar in adherence to the University calendar for timely delivery of the syllabus.

The completion of syllabus and conducting Midterm examinations are strictly in adherence to the University calendar and against a carefully planned timeline which allows the students to have adequate time for preparation.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

The Vision, Mission, of various departments and Program Education Objectives (PEOs), POs and PSO of various programmes were framed to implement the outcome based education and also inculcate, involve the faculty, students and various stakeholders towards outcome based education.

The Program Outcomes (POs) are common for all engineering programmes defined as graduate attributes and the NBA has given.

Vision, Mission, PEOs and PSOs are prepared by the department for the respective programmes,

Course Outcomes (COs) are prepared as mentioned below:

COs are prepared selecting an action verb using Bloom's Taxonomy significant to subject content. COs are prepared based on the curriculum syllabus. Totally 6 Course Outcomes are prepared for each subject in B.Tech programme. When it required to consider multiple verbs, highest level of verb from Bloom's Taxonomy is considered.

Stakeholders of the Programme are classified as Internal and External:

Internal Stake Holders:

External Stake Holders:

Management

Parents

Teaching Staff

Employers

Non-Teaching Staff

Industries

Students

Alumni

The Vision and Mission Statements along with PEO's, POs and PSOs are published (Internal and External Stake Holders) at:

- College website
- Department website
- Department Brochure
- Department Newsletter
- Course files
- Lab Manuals
- Project Book

The Vision and Mission Statements along with PEO's , POs and PSOs are displayed (Internal and External Stake Holders) at:

- HoD Room
- Department Corridors
- Department Notice Boards
- Seminar Hall
- Faculty Rooms
- Class Rooms
- Tutorial Room
- Conference Hall /Department Library

The Vision and mission Statements along with PEO's are disseminated (Internal and External Stake Holders) at:

- Department Meeting
- Alumni meeting
- Governing Body meeting
- Workshops
- Seminars
- Faculty development Programs
- Parent meetings
- Fresher's orientation

Course outcome are published (Internal Stakeholders Only)at:

- Course File
- Lab File
- Project File

Course outcome are Displayed (Internal Stakeholders Only) at :

- Class Notice Board
- Lab Notice Board

Course outcome are Disseminated (Internal Stakeholders Only) at:

- Class room - Students
- Tutorials – Students
- Laboratory class – Students

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

In order to scientifically evaluate the levels of attainment of the projected perspectives, the Institute strictly adheres to the procedures of considering the performance metrics of Program Specific Objectives, Program Outcomes and Course Outcomes using the design of top-down approach and appropriately mapping them.

The Program Specific Objectives are in tune with the expectation of the professional bodies and the society. The Program Outcomes are carefully fixed studying the graduate attributes and blending them appropriately to suit the program being offered. To meet these Program Outcomes, the curriculum is designed by JNTUA. Each course has specific measurable Course Outcomes. Each course has 5 units and in general each unit relates to a specific Course Outcome. Each Course Outcome is mapped with the Program Outcomes, and Program Specific Objectives. While calculating the attainment level bottom to top approach is used.

For each course, attainment level of all Course Outcomes is arrived at scrupulously based on the student performance in the internal and external examinations. Similarly, the feedback at the end of course is taken to assess the Course Outcome indirectly. Thus, the attainment of Course Outcome is a combined result of direct and indirect assessment. This in turn helps in arriving at the Program Outcome assessment as each Course Outcome is mapped with certain Program Outcomes and Program Specific Objectives. Besides this, the exit survey is taken from students for indirect assessment of the Program Outcomes. The alumni and employer surveys are taken for indirect assessment of the Program Specific Outcomes.

The following computational procedures have been followed to arrive at the levels of attainment.

CO attainment:

Direct Attainment of CO is computed considering 30% of CO attainment in internal examination and 70 % of CO attainment in the external examination to arrive at the total attainment level.

The overall attainment of CO is calculated considering 80% of the CO attainment by Direct method and

20 % of CO attainment through Indirect method for obtaining the final attainment level of CO.

PO and PSO attainment:

The direct attainment of PO and PSO is obtained by considering the contribution of each course.

The Direct Attainment of PO is computed by considering the average of attainments of all COs contributing to the specific PO. The overall attainment of PO is computed, considering 80% of the PO attainment through the direct method and 20 % of PO attainment through indirect method. Similarly, the computation of the attainment of PSO is done on the basis of the attainment of PO.

All the direct and indirect methods of testing the students consider these performance metrics into cognizance and appropriate computations are made for a systematic analysis of the general performance of the individual learners and adequate remedial measures are initiated basing on this analysis.

File Description	Document
Link for Additional Information	View Document

2.6.3 Average pass percentage of Students

Response: 83.2

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 426

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 512

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.79

NAAC

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description

Document

List of project and grant details

[View Document](#)

3.1.2 Percentage of teachers recognised as research guides at present

Response: 0

3.1.2.1 Number of teachers recognised as research guides

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0

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

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 145

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

The role of innovation among technical education kindles the faculty and student to be inclined always to

fulfil the needs of society in an innovative way by applying engineering discipline. Our institution follows the way of being innovative by incorporating innovation cell, MOUs and tie-ups with various industries and government organizations. Through these many technical seminars, workshops and guest lectures are being arranged to students. Also faculty members get exposure and learn modern technical fronts by participating in FDPs and many events.

The role of Innovation Centre in a technology institution can be crucial in envisaging the direction, objectives, means and methods and practices pertaining to teaching-learning environment. It is constituted with the vision of creating a network of people, concepts, ideas, know-how and resources to stimulate the innovation community in the campus. This cell helps to foster the students' ideas into concrete projects to bring up business proposals.

Students and faculty members are encouraged to undertake Miniproject and major projects in the campus, through innovation centre. Many students have participated and demonstrated their innovative projects under faculty guidance. Every year students participate in the smart India Hackathon (SIH) programme and submit the solutions to the industry problems. e-Yantra robotic centre is established in association with the IIT Bombay and programs were conducted in robotics, faculty got certification of merit for task based training level.

Our institution is the centre for IIT Bombay remote centre, many online seminars, workshop have been arranged to students and faculty members to gain up to date trend happening in the industries and educational forums. Along with our faculty members, many neighbour institutions 'faculty members also got benefits through this remote centre.

Various technical hands-onworkshops such as IoT, Scilab programming, Revit architecture and more on conducted to students in association with the CM excellence centre in the campus. Around 1721 students got benefit through student improvement programs (SIP) and aculty got training in faculty improvement programs (FIP) with industry tie-ups.

Many MOUs are made with technical firms to make platform of having industry exposure to our pedagogies in effective way. Students linkages with these industries established through Internships and in-plant training programmes which help them to perform their projects and career development.

Around the college, all departments are upgraded to maintain the basic facility for conducting the experiments and research to students and faculty members in optimum way. So library is equipped with modern systems giving access to digital library, resources and plagiarism checking tool.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 0

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description**Document**

List of workshops/seminars during the last 5 years

[View Document](#)

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research**Response: Yes****File Description****Document**

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)**3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards****Response: Yes****File Description****Document**

e- copies of the letters of awards

[View Document](#)

Any additional information

[View Document](#)**3.3.3 Number of Ph.D.s awarded per teacher during the last five years****Response: 0**

3.3.3.1 How many Ph.Ds awarded within last five years

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

Response: 1

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

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

Response: 3.75

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

2018-19	2017-18	2016-17	2015-16	2014-15
85	96	108	100	86

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

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

Response: 0.32

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

2018-19	2017-18	2016-17	2015-16	2014-15
3	5	9	13	10

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

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

The Institution earnestly endeavours to sensitize the students and involve them in several community development activities leading to enhanced social awareness and their holistic development. The local self-bodies, the police, the NGOs, medical personnel, the Red-Cross Society, Lions' Club, psychotherapists and the general public are brought together to work hand-in-hand for developing the community.

The college conducts several community development programmes involving the students and the NSS wing such as awareness camps on personal and community hygiene, seasonal diseases, road safety, health, clean & green initiatives, rallies, literacy campaigns, plantation programmes, 'Manam Vanam' and 'Swachcha Bharath' programmes to build a better society. Health camps aim at providing health services besides creating an environment to sensitize the community about health issues. Literacy awareness programmes enhance social awareness regarding the importance of education, both for themselves as well as for their children. Rallies on seasonal diseases enlighten the people on the seasonal diseases, causes, preventive measures and need for environmental cleanliness, personal hygiene, prevention of water stagnation, spraying larvicides in water pools and drains and using mosquito nets. Massive *Tree Plantation* drives address the issues like deforestation, soil erosion and desertification.

A few such programmes are:

- Mass Tree Plantation programme at Buchi Reddy Palem in association with Andhra Pragathi Grameena Bank with 4000 samplings.
- 'Swachcha Bharath' and 'Clean and Green' programmes followed by cleaning the streets and the public areas at Gangavaram village.
- A Rally on Seasonal Disease Gangavaram village to create the awareness on the seasonal diseases like dengue, malaria due to mosquito bite
- Medical camps for the benefit of the villagers who cannot afford the cost of consultation and medicines.
- Pulse Polio event at Gangavaram village where the students reached individual houses, identified the young children requiring polio vaccine, convinced the parents and administered vaccination.
- A Rally on Literacy Awareness Programme carrying banners and messages in placards highlighting the importance of basic education for improving the standard of life.
- Rally to pay Tribute to soldiers who sacrificed their life in the Pulwama attack.
- Eye camps and dental camps organized at villages such as Gangavaram, Pothireddy Palem, Chatagutla for the benefit of the villagers who cannot afford the cost of consultation and medicines.
- Students and Faculty of Gist actively participate in 5k Run Programme organized at Nellore every year.
- Blood Donation Camp in association with different organizations such as Red Cross, Lions Club and Police department.

These programmes evoked a sense of responsibility among the students towards motivating them as good citizens of the nation and enhanced awareness among the rural lot to self-rely for their development.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response: 1

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

2018-19	2017-18	2016-17	2015-16	2014-15
1	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document
Any additional information	View Document

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 40

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

2018-19	2017-18	2016-17	2015-16	2014-15
4	7	10	8	11

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach programs 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 with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 224.3

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1315	1050	1484	780	705

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

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 84

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
35	31	014	3	1

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 31

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 (only functional MoUs with ongoing activities to be considered)

2018-19	2017-18	2016-17	2015-16	2014-15
11	8	7	2	3

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document
Any additional information	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

Response:

The quality of Technical Education requires adequate infrastructural facilities in addition to the competency of the faculty. The campus is spread in the sprawling 13 acres lush green area with a total floor area of 18200 Sq.Mts with the following physical facilities in tune with the norms of AICTE and JNTUA:

Class Rooms:

There are 36 well furnished and ICT Enabled class rooms each measuring 66 sq.mts and with electronic surveillance to meet the academic requirements of 06 Departments.

Tutorial Rooms:

08 Tutorial rooms accommodating half the class each with 33 sq.mts are available for an interaction with the students.

Seminar halls

There are 03 Seminar halls of varying extents with seating accommodation for 450, 250 and 120 and for overall institutional purpose and departmental usage. Sophisticated PA systems and LCD projectors enable effective delivery of ICT materials and conducting National level symposia, NMEICT, Training, Placement, Project reviews and such others.

Laboratories

The Institute has adequate number of laboratories for effective delivery of the content as per the syllabus and as per the stipulations of JNTUA as detailed hereunder:

- | | | |
|----|-------|------|
| 1. | Civil | : 06 |
| 2. | CSE | : 03 |
| 3. | ECE | : 07 |
| 4. | EEE | : 05 |
| 5. | ME | : 09 |

6. S& H : 03
7. R&D : 01
8. Computer Centre : 01
9. Language Lab : 01
10. APSSDC Collaborative Centre -1

Wi-Fi

The internet connectivity in the campus is ubiquitous with the following features:

- Wi-Fi enabled campus
- 16 routers covering the campus
- 78 mbps high-speed broadband connectivity
- Service providers BSNL, and MyGuru

Computer centre:

A computer centre with PC systems of good configuration serves requirements of the Institution for conducting online examinations, spoken tutorials, webinars, NPTEL, placement training and several skill development programmes.

Central Library:

The central library measures to a dimension of 613.12 sq.mts. Autolib Integrated Library Management Software is installed for effective management of library services. In addition, each department has its own department library with regular text books and relevant reference books for easy access for both the faculty and the students.

Project Lab: The institute has 4 project laboratories supporting the students to develop and execute the mini and major academic projects.

R&D lab: The R&D lab measures to a dimension of 66.01 sq.mts. The laboratory is equipped with Fire bird robots and systems with advanced software.

Placement Block

Placement related activities including trainings, group discussions, and interviews are conducted in the facilities provided for the placement division

The campus has the following additional facilities for the benefit of students and faculty:

Student's counselling centre.

- Carrier guidance cell.
- Internet centre
- Drawing halls.
- Server Room.
- Additional Workshop.

Apart from these a canteen and guest rooms are available in our campus. This campus has 2 hostels (1Ladies and 1 Gents). We are giving best transport facility to our students and faculty from rural areas of our district.

The available physical infrastructure is optimally utilized for co-curricular activities, campus recruitment training classes, Bank recruitment examinations, and various other government examinations.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response:

Response:

The Institution strongly believes in the principle of 'strong mind in strong body'. In order to provide adequate opportunities for physical fitness, games and sports, no efforts have been spared. The following playgrounds have been developed in the Sports Complexes in the campus:

Outdoor Games & Play-grounds

- Cricket Practice Nets: 01
- Cricket ground:01
- Badminton Court:02
- Basket Ball Court:01
- Valley Ball Court:02
- Throw Ball Court:01
- Kho-Kho Field:01
- Tennikoit Court:01

- Kabbaddi Court:02

Accomplishments in the past 5 years

Making appropriate utilization of the provided resources our students have been continuously making their presence strongly felt in the JNTUA Sports Meets and South Zone and State level competitions in games and sports as given under:

- South Zone Table Tennis:Runners up - 2016
- South Zone Athletics:III prize in high jump-2018
- Zonal & Inter-zonal Sports: Runners up- Volley Ball - 2015
- South Zone Chess Championship-1 student participated-2019
- South Zone Kabaddi Championship-2 students selected JNTUA Team
- South Zone Volleyball Championship- participated -2014, 15, 16

The Institute also provides opportunities for practicing indoor games. Facilities for Table Tennis, Carroms and Chess are developed. The inmates of the girls and boys hostels are amply benefitted by these facilities along with the rest. The following are some such facilities in the college:

Indoor Games & Courts

- Table Tennis: 01
-
-

Gymnasium

The college has a moderate 5-station gymnasium accessible to staff and students for maintaining the fitness levels, The services at the gym are kept available before and after the regular college timings to facilitate optimum utilization. The Physical Director with the help of a few faculty members supervises its functioning. The following are the stations and equipment available at the gym:

- Power lifting
- Machines for toning biceps. Chest, abdomen
-
- Dumbbell sets
- Pull up bars
- Squat stations etc

Yoga & Meditation

- Yoga and meditation classes are conducted for the faculty and students by expert yoga trainers. Management encourages and provides adequate training facilities for the faculty and students. External Yoga masters are invited periodically for motivation-cum-practice sessions. The participants are lead through the practice sessions with adequate support and supervision of the trainers. The performance of the students has been consistent.

Cultural Activities

- The college believes in all-round development of the students. It constantly encourages them to take part in extra-curricular activities to spark their interests and cultivate leadership qualities as well as team spirit. The participation of the students in various cultural programmes and competitions is overwhelming during Annual functions which include dances, miming, skits, vocal & instrumental music, Rangavalli, drawing and painting, photography and short films. The college boasts of accomplished classical dancers and those adept in performing arts.

File Description	Document
Any additional information	View Document
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

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 39

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
any additional information	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 10.07

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
103.44	58.90	48.80	12.26	9.66

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
Audited utilization statements	View Document
Any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

Integrated Library Management System (ILMS)

The library is fully automated with AutoLib, web based, full version (5.1), Integrated Library Management Software (ILMS) since the academic year 2016-2017. It is totally server based application software. Its state of the art Cataloguing, Circulation, Web OPAC (Online Books searching & Reservation), Journals/Periodicals, Various Reports modules and Barcoded Circulation. The library provides various services and facilities like OPAC, e-gate, circulation, stock verification and preparation of various reports through the software. The users can search the library online catalogue by author's name, title, subject, and other keywords within the campus through LAN. All the Departments are provided with OPAC facility to search books, journals and other reading materials available in the library. All the books, CDs, Projects, back volumes are accessioned with barcode stickers for automatic scan during the processes of issue and return to the library for the stake-holders.

Modules in Software

The software basically contains two types of modules Standard Modules and Advanced modules.

Standard Modules

1. Database Management – (Cataloguing):

This module allows creating, update/edit and maintaining the databases such as books, journals etc.

2. Search Online Public Access Catalogue (OPAC):

This module is designed to search all the databases using important fields and print the search results as per requirements. OPAC is provided at the entrance of the library for searching the availability of library materials through author, title, and subject.

3. Circulation Management –Transaction :

This module is designed for all types of counter transactions (for all documents types) such as Issue/Renewal /Return/Recall.

4. Report Management:

This module is designed to generate and print a large number of reports such as: List of books by author, accession register, catalogues etc. All types of statistics/reports for the management can be generated for AICTE/NBA,UGC/NAAC, IMC.

5.System Administration :

This module allows to Create new user log-in, password and grant rights to access various modules.

6. E-Resource Linking :

This module allows linking various e-resources on the web with details.

7.Online Stock Verification :

This module allows for online stock verification of library resources using Barcode Scanner and generates reports of books.

Advanced Modules:

8.Acquisition Control System (Book Ordering)

This module is designed to automate various activities involved in book ordering and Processing.

9.Serial Control System (Journals)

This module is designed to automate various activities involved in subscription of journals such as Creation and maintenance of journal master, Subscription of journals, claiming missing issues/replacement.

10.Article Indexing

This module allows creating and maintaining journal articles database, searching and retrieving data based on several fields.

11.Question Bank

This modules allows to create, maintain question banks and retrieve questions.

12.Student E-Gate

Library users log-in to the library through e-gate at the entrance of the library by scanning their Roll number and log-out while returning from the library. Reports will be generated on usage of the library.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment**Response:**

The GIST Library an Information Centre was established in the year 2008. The Institute has central library and fivedepartmental libraries. The Library has a vast collection of 32,255 Volumes (Books), 4,230 titles, 50 National print Journals, N-LIST INFLIBNET database, NDL, SWAYAM, NPTEL, 12 General Technical Magazines and 07 Newspapers are available. It has a total Plinth Area of 614.2 (Sq.M) with 150 seating capacity. The journals that are being subscribed are bound as back volumes. There are about 339 bound volumes, Back volumes of journals, Question Banks, Syllabus sets. There are 810 student project reports are maintained.

Library is the treasure house of information and the mission of the library is to provide information services and access to bibliographical and full text digital and printed resources to support the scholarly and informational needs of college community. It is constantly stocked with rare and special literature for the benefit of the students. The College has the best practice of collecting and maintaining rare books (Knowledge Encyclopaedia, Aircraft Performance, Power system stability and control and Upgrading and Repairing PC), manuscripts, special reports or any other knowledge resources. Along with these, the library is stocked with a collection of books for competitive exams like GATE, GMAT, and UPSC. Some biographies of the well-known inspirational authors of personality development books are also available.

The library has been member of the DELNET since last 08 years which gives access to E-Books and 5000 full text E-journals both National and International. The Central Library is also a member of **NDL (Open access)** which has a collection of more than 6 lakh e-books which the students and staff are making use of.

E BOOKS

It is an e-book aggregation platform for hosting and providing access as a searchable content. It aggregates e-books from leading publishers in different subject domains as a database. The platform is discovery and promotes the same to the end users in local and global academic and corporate market.

E JOURNALS

E JOURNALS is an electronic gateway to global e-journal literature. It provides seamless access to

millions of journal articles available online e-journals offered by publishers with links to full text at publisher sites among that engineering and technology journals. The e-Journals platform is easy-to-use interface, and also gives users complete control over search filters. By allowing users to access content from a wide variety of publishers on a single platform, it exponentially increases journal usage. The library is providing the facilities to access the electronic journals have made a great impact on the research scholars and students.

DATABASES

DATABASES providing e-Books, Current Periodicals, CD-ROM Database, List of Video Recordings, Database of Theses and Dissertations, several other databases etc.

SODHGANGA

SODHGANGA is an important Indian initiative and will facilitate open access to Indian theses and dissertations to the world academic community, maintained by INFLIBNET Centre. Online availability of electronic theses through centrally maintained digital repositories will not only ensure easy access and archiving of these but will also help in raising the quality and standard of research.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: C. Any 2 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 16.59

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
19.06	15.37	13.87	15.47	19.18

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Any additional information	View Document

4.2.6 Percentage per day usage of library by teachers and students

Response: 30.79

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 194

File Description	Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Response:

The College intends to address the future challenges faced by the students and equip them accordingly, so that they can make use of these facilities and accomplish higher objectives. The IT facilities in the college are updated and upgraded frequently as per the requirements from time to time. The college has adequate computing facilities accessible to the students and faculty for diverse academic, curricular and co-curricular purposes. Consequent to the improved utilization of IT facilities, the processes in Office administration, Accounting, Library services and procedures in Examination section are digitalised enhancing ease in access and efficacy in functioning.

The college has 03 dedicated servers addressing the growing requirement of over 500 nodes. 16 strategically located Wi-Fi routers cover almost all the major areas in the campus providing internet connectivity. Currently the college receives internet services from two service providers with BSNL accounting for 58 MBPS, My Guru online for 20 MBPS. There are 80 closed circuit surveillance cameras strategically located covering all the vulnerable locations in the campus for any possible problems of security and discipline and for monitoring the campus activities.

In addition the college continuously upgrades its IT related equipment, add-on peripherals, and other supporting materials including Laptops, D Link switches, networking and Ethernet Ports, face recognition Bio-metric devices, Barcode Scanners, Barcode Printers, Fingerprint Time attendance with RFID MIFARE Card, dot-matrix and laser printers, scanners, LCD projectors and associated cameras etc for Webinars and video-conferences. In addition to this all the departments of the institution are equipped with latest projectors for effective teaching through video lectures. The institute keeps upgrading the software packages and also purchases software currently being used in the industry to make the students industry ready.

The Institute is associated with the Andhra Pradesh State Skill Development Corporation and has procured 37 laptops with high configuration, which are optimally utilized for a number of skill development programmes leading to recognized certifications.

The initiative of regular updating of the IT facilities has resulted in the following:

- Printers are made available to all the Departments, Office, staff rooms, library, and examination branch and accounts section.
- Internet connectivity through Wi-Fi is made available at different labs and staff rooms with limited and conditioned connectivity to students.
- All the library transactions are digitalized. The unique bar coded books and the RF enabled ID cards make all lending and borrowing at the library a quick and fool proof process with ease in tracking the books.
- The student marks after every examination are uploaded enabling the process of onward faultless transmission to the University on one side and access and review by the student at the other,

accounting for transparency.

- Upcoming events with dates, time and venue and the competed events with pictures and reports are posted regularly in the dynamic website for record.
- Internal communication such as circulars, display notices, communication to parent and students and posting of course information is made easy and instantaneous.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.3.2 Student - Computer ratio

Response: 1.13

File Description	Document
Any additional information	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: >=50 MBPS

File Description	Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Any additional information	View Document
Link to photographs	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 17.24

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

2018-19	2017-18	2016-17	2015-16	2014-15
111.62	69.07	63.82	53.89	93.44

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document
Any additional information	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.

Response:

Maintenance Policies

Geehanjali Institute of Science and Technology established systematic procedures for maintaining and utilizing physical, academic and support facilities such as laboratories, library, sports complex, computers, classrooms etc.

The well trained technical staffs of Geehanjali Institute of Science and Technology are responsible for effective maintenance of the institution. For any kind of maintenance or repair, a duly filled & signed complaint form is forwarded to the respective maintenance department which they physically examine and then resolve the problem.

The Principal constitutes a committee with a convenor and members at the end of the semester and they take a stock of the maintenance of infrastructure in the campus besides preparing an inventory of the items of infrastructure. A register is maintained in every department to record the stock and the consolidated report is submitted to the superior authorities.

Laboratory: Students are provided with sufficient number of sophisticated equipments and instruments in laboratories which are accessible to all students. Their usage is strictly and systematically monitored through the maintenance of log books. Each 1ST B.Tech student is allotted a separate set of glassware's and chemicals for the experiment assigned for carrying out assigned laboratory experiments. The glassware and chemicals supplied to the students are systematically accounted for through maintenance of proper log books.

Facilities in laboratories such as water taps, gas pipelines, gas welding equipment, safety rubber sheets. Electrical fixtures are regularly checked by the respective laboratory and maintenance staff to ensure safety of students from the electricity.

Facilities like Fire extinguishers and First aid kits are checked regularly and their refilling is done before their expiry date. The instruments and equipments are cleaned, calibrated and maintained on regular basis. Also, the instruments and equipments are serviced by the suppliers from where it is purchased in case of any service required. The record of the same is kept in Maintenance register. A separate maintenance register is maintained with details of maintenance entries (Name of instrument, date, description of maintenance). Maintenance process is supervised by Laboratory assistant and in-charge of stores. Major equipment is installed with continuous power backup. Students are instructed to follow standard operating procedures strictly while using the instruments.

Library: Advisory Committee is constituted for smooth functioning and effective functioning. The advisory Committee of institute framed the rules/ strategies regarding issuing of books and journals from library. The institute enforces guidelines for optimum utilization of available resources in library for providing better quality services.

Duties and objectives of Library Advisory Committee are as follows:

1. Purchasing of new books,
2. Renewal of journals (hard & soft copy).

The committee implements following initiatives to make library user friendly

- Display of new arrivals.
- Provision for quick searching of books by software.
- To update and upgrade the library as per the changing needs of curriculum.
- To seek feedback and suggestions of users to render better services.
- Receiving new titles from different vendors and taking suggestion from faculty members for purchase of the new books, in accordance with the periodic changes in curriculum.
- Conduct of book exhibition in institution premises for students and faculty.
- Terminals for the users to browse the internet.
- Barcode Auto Lib

- Multimedia Enabled Digital Library
- Access to E-Journals
- NPTEL/Spoken Tutorials
- Scanning /Writing /Printouts of documents
- E-News Clippings
- Paper clipping services
- Project Reports
-

A suggestion box is kept in the library. Suggestions related to issuing of extra books for preparation for competitive examinations, infrastructure and library timings etc. are collected. Suggestions are sorted out, analyzed and then executed by advisory committee during library advisory committee meetings. The corrective measures are taken accordingly. Such feedback is used for up gradation in the quality of library services and rendering the library student/user friendly.

Computers: One full time computer technician is available for day to day maintenance of computers and other IT facilities in the institution. The institution takes measures to upgrade IT infrastructure to cope with the needs and demands of faculty & students.

Sports: The department of physical education operates from a separate room. The management has appointed a physical director to look after the sports activities. The college is equipped with a ground for a wide range of sports such as Cricket, Kabbadi, Volley ball, Kho-Kho badminton and other sports activities conducted on respective courts.

Classrooms: The institution possesses spacious, well ventilated classrooms equipped with sufficient fans and tube lights and desks apart from ICT facilities. All the facilities are properly maintained, in case of repair or damage to the equipment, carpenters and electricians carry out the maintenance.

Gardens: The gardeners are appointed for overall maintenance and care of lawns, gardens and amenity area on the premises of institution to ensure pleasant and serene ambience in the campus conducive to academic pursuits.

Canteen: The canteen maintenance committee takes care of quality and other related issues. Waste water from canteen outlets is utilized for watering the plants. Wi-Fi: All Wi-Fi users can be controlled through Cyber roam firewall. . The waste management is executed by the garbage collection vehicle in collaboration with Municipal Corporation. Generator facility: The campus has 2 Diesel generators with capacity 160 KV for management/regulation of electricity and voltage. Two central RO plants are used to provide constant water supply to campus and one supervisor is appointed to look after it

Dry and wet cleaning: of class rooms, seminar hall, laboratories, faculty rooms, office, library, corridors and wash rooms is done daily. Daily cleaning chart is maintained for the same.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

NVAAC

Criterion 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 the last five years

Response: 68.69

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

2018-19	2017-18	2016-17	2015-16	2014-15
1452	1340	1309	1235	1059

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	View Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document
Any additional information	View Document

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 42.28

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

2018-19	2017-18	2016-17	2015-16	2014-15
1098	1090	969	601	288

File Description	Document
Any additional information	View Document

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: D. Any 4 of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 76.94

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

2018-19	2017-18	2016-17	2015-16	2014-15
1832	1730	1620	545	1460

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years**Response:** 0

5.1.5.1 Number of students attending VET year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description**Document**

Details of the students benefited by VET

[View Document](#)**5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases****Response:** Yes**File Description****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](#)

Any additional information

[View Document](#)**5.2 Student Progression****5.2.1 Average percentage of placement of outgoing students during the last five years****Response:** 40.14

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

2018-19	2017-18	2016-17	2015-16	2014-15
212	152	154	176	118

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document
Any additional information	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 1.54

5.2.2.1 Number of outgoing students progressing to higher education

Response: 08

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 80

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

2018-19	2017-18	2016-17	2015-16	2014-15
0	4	1	3	2

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	4	1	3	2

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	View Document

5.3 Student Participation and Activities

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

Response: 15

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

2018-19	2017-18	2016-17	2015-16	2014-15
13	01	00	00	01

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

The Institution firmly believes in empowering the students within the framework of the administrative processes through their participation in most of the academic and administrative bodies, Associations, Professional Student chapters actively functioning in the college such as CSI, IEEE and IETE.

- **Class Committee**

Every class has a Class Representative and a Lady Representative to appraise the management and administration of the issues pertaining to their classes.

- **IQAC**

Internal Quality Assurance Cell (IQAC) meets twice in a semester. The student representatives give the feedback from their perspective in matters pertaining to quality.

- **Alumni Association:**

In addition to the members of the faculty, 5 students from each branch of the III year are selected as members of Alumni Association of the Institute. They are responsible for interacting with the alumni periodically, maintaining update database of alumni contact information, organizing annual alumni meets and maintaining the record of the alumni initiatives.

- **Extra Curricular Activities**

Involvement of the students in the Extra Curricular Activities is more pronounced with their dynamic participation in organizing several college events such as Orientation Programme, Fresher's Day, Sports Day, Annual Day, Class Farewell Programs and Women's Day. In addition they also involve in the regular events such as Teachers' Day, Engineers Day, National Science Day, Republic Day, Independence Day, Sankranti festivities and so on.

- **Telugu Association of Geethanjali (TAG):**

Telugu language Club named as Telugu Maha Sabha has strong student presence who regularly involve in conducting literary programmes in Telugu.

- **National Service Scheme (NSS):**

The participation of the student volunteers of NSS in a number of service activities is overwhelming. They play a significant role in creating awareness on social service among the students, selecting service projects on basis of utility and feasibility and meeting emergencies and natural disasters within college and outside too.

- **Anti-ragging sub-committee**

Ragging has been condemned as an evil in the academic institutions. The student representatives take the message of anti-ragging to the peers duly explaining the scales of punishment attracted by acts of ragging.

- **Sports and Games Committee:**

Student members of this Committee bring to the notice of the Physical Director all their sports related problems and requirements of grounds, equipment and gymnasium for appropriate response from the management.

- **Library Committee**

The Institute has a Library Committee with large enough representation from the students. Any library

reforms are processed through this committee.

- **Women's Protection Cell (Internal Complaint Cell – ICC):**

This cell deals appropriately with reported cases of sexual harassment, abuse or discrimination and initiate action against particular grievances in respect of unfair treatment due to gender bias.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 1.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1	2	2	1	2

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document
Any additional information	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

At GIST the relationship between the alumni and the alma mater is integral and continuous. The Institute has an active activity calendar and connects with the alumni regularly. Geethanjali Institute of Sciences and

Technology Alumni Association is a registered Society (Regd No: 24/2019, Registrar of Societies, Nellore) following the normal procedures. The byelaws have been constituted and the Office-bearers are elected.

Aims and Objectives :

- To maintain and update contacts of Alumni.
- To conduct meetings regularly at least once in a year.
- To communicate the college events periodically to the Alumni.
- To invite Alumni to visit the campus and take their suggestions for the future improvement of the Institute.
- To request the Alumni to extend their contributions towards the development of the institute.
- To take up help of Alumni guidance towards higher education.
- To conduct seminars, workshops with the support of Alumni.
- To help the poor and bright students with the help of Alumni.
- To help the unsettled Alumni with the help of Alumni.
- To promote professional knowledge of its members by publicizing newsletters, journals and conducting scientific conferences, workshops, and seminars.
- To do such other things as may be necessary to the attainment of all or any of the above objectives of the Society.

Initiatives involving finances:

The Alumni of the Institute is warming up to the requirements of the Institute. Moderate financial support has been trickling in from the alumni. They have started, to identify the small, but necessary requirements and to attempt to provide the same. Till date their financial support extends to the following:

- Giving incentive cash prizes during College Day celebrations and Alumni Association functions to motivate and encourage performing students.
- Donation of important books for the use of the students in diverse branches.
- Placing the dust bins to keep the campus clean.
- Arranging for the table name plates for the faculty to give a professional look
- Providing wall clocks for some departments

Non-financial Initiatives:

The college utilises the intellectual inputs of its alumni working in the academic or professional fields to enrich the curriculum and enhance the quality of curriculum implementation. The contribution of the Alumni is considerable in non-financial matters over the years. The following are some of the initiatives by the Alumni Association:

- Act as liaison for Institute Industry initiatives
- Utilize their knowledge, experience and potential for promoting the skills of the students in the college
- Guide the students in career related skills like interviews, Group Discussions and other employability skills
- Encourage and themselves participate in cultural and literary programmes.
- Provide referral to the deserving in their companies for placement
- Give insights into corporate work culture

- Explore and synchronize short internship opportunities
- Develop entrepreneurial awareness

Future Plans

The Association plans to

- Create a corpus to encourage the deserving but underprivileged students
- Raise funds and themselves contribute to develop the sports, gymnasium facilities in the college.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years(INR in Lakhs) ? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: ? 5 Lakhs

File Description	Document
Any additional information	View Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1	1	1	1	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document
Any additional information	View Document
Report of the event	View Document

NVAAC

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

Vision

“To emerge as a **leading Engineering Institution** imparting quality education”

Mission

- Effective teaching-learning strategies for quality education
- Congenial academic ambience for progressive learning
- Skill development through Industry-Institute initiatives
- Nurturing environmentally conscious and socially responsible technocrats

Geethanjali Institute of Science & Technology (GIST) functions with deep commitment for making quality technical education accessible to the young engineering aspirants from different social strata ensuring their empowerment enabling them to play a socially responsible role.

It was established in 2008, under M/s Ushodaya Educational Society in pursuit of its educational cause and service oriented initiatives. It's Chairman Mr. B. Ravi Reddy, an educationalist with a philanthropic outlook, service motto holds the stewardship of the Executive Council, providing a competent leadership to the institution and steers it on the path of progress. The propelling force, who constantly drives the institution forward, himself a technical graduate Mr. N. Sudhakar Reddy, Secretary is endowed with a pragmatic attitude, proves himself to be a continuous source of inspiration in the onward march of the institution. Besides, the governing council also comprises other constituent members in accordance with the norms laid down by the apex council AICTE and affiliated University JNTUA. Prof. Dr G. Subba Rao, the principal of the institution is instrumental in making the administrative and policy decisions in running the institution.

PERSPECTIVE PLANS

Enhancing the quality of Teaching – Learning Process

- To enforce student-centric methodologies
- Up-gradation of skills through STTP, FDP, QIP, web learning through NPTEL
- Creating infrastructure to use modern teaching aid
- Industry interface through summer internship
- Undertaking field projects

Promotion of research and development

- Encouraging the faculty and students for R & D activities

- Motivating students to attend conferences and workshops
- Inviting eminent personalities of research committee for evaluating progress of research.
- Taking efforts to undertake sponsored research projects

Improving Industry – Institute – Interaction

- Providing platform to the students to undertake internship in related industries
- Providing skill based training to the student.
- Signing MoU with organization/corporate/industry
- Make an effort to educate the students for entrepreneurship

Establishing Quality Assurance Measures,

- Accreditation of NAAC, NBA
- Participation in NIRF
- Internal Quality Assurance Cell for improvement in the quality of the education.
- International Standard Organization ISO: 9001:2015 certification

Focus on developmental aspects

- Student intake
- On-campus placements
- Infrastructure

Improving extension activities

- Alumni Interaction
- Entrepreneurship
- Engaging students in Social Responsibility Initiatives
- Improving values among students

Research Centre of the University

- Increase the Faculty with PhD qualification
- Taking initiatives to get funds from the Govt. bodies and other funding agencies.
- Getting UGC 2f and 12B Status
- Acquiring permanent affiliation status to the institution

Teacher's participation in decision making:

- Personnel
- Curriculum and instruction
- General administration
- Staff development

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File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management

Response:

The Institute adopts decentralized governance system with devolution of powers, roles and duties. The head of the department is vested with the authority to define the institutional activities and distribute the roles and responsibilities to the staff members for the successful governance of the institution.

To achieve the above objective, various committees were formed for decentralizing the administration, like governance body, college academic monitoring committee etc. Most of committees are constituted with faculty, some with students and few other stake holders. The convenors head the committee and report to the Principal for future action.

The Governing Body gives proper direction to the management of the institute in matters of administration following the guidelines of the affiliated university, JNTUA.

The principal takes all important decisions having a bearing on the administration consulting the HoD's. The Principal is vested with some financial power to ensure the welfare and development of the institution

The HoD'S oversee the day to day routine activities of their respective departments. They consult the principal in regard to administrative issues. Besides, they solicit any suggestions and ideas offered by the faculty. Students also have very active role in different feedback mechanisms.

Participative management:

Participative management is the core concept of GIST. The institution encourages the participation of staff and students in multiple activities for better functioning of the institution.

1. Decisive level: The Principal and HoD's play a key role in formulating policies, regulation, related to admission, placements disciplinary issues, grievance redressal, training & development, and library services etc.

2. Functional level: The faculty members hold multiple discussions of academic interest pertaining to latest trends. Even faculty members actively involve themselves in preparation of annual budget.

3. Implementation level: The Principal of the institute, being a member of the GB offers suggestions and monitors the procurement, introduces novel programmes and activities. All the staff members play an instrumental role in policy implementation. The management sets the objective for the quality standards as per the vision and mission of the institution. The office staff has a significant part in day to day support and services for the smooth functioning of the institute. Finally, students also play a major role in generating

the feedback about the functioning of the institution.

Case Study: International Women's Day

International Women's Day was conducted by the "Internal Complaints Committee", to promote the cause of women empowerment. The institution conducts a women empowerment program every year. On this occasion a variety of cultural programmes are organized highlighting the importance of women empowerment. Various committees are formed with specific roles assigned to ensure the success of program.

The Literary and Cultural Committee and Events Organizing committee facilitate the successful conduct of the program with dynamic involvement of committee members.

Compeering and Stage decoration committee play their respective roles in making the event a success.

The Audio, Video, Photography Committee, Seating Arrangement Committee and Hospitality Committee also make their valuable contribution to the success of the event.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

The perspective/strategic plan is made by institution to fulfill requirement of industry and society by providing quality education to produce ethically strong and technically sound engineers and managers to serve the nation. With well established infrastructure which leads students' progression towards technical and social excellence. The institute has a strategic plan which includes establishment of R&D cell in 2012 to promotion of research among staff and students, also improving the industry institute interaction with various activities.

In 2018 we established the IQAC cell to enhance the quality of teaching – learning, the institute has a strategic plan to getting permanent affiliation for all UG & PG programs, with the intention of providing ample avenues, enhancing the infrastructural facilities by means of construction of new blocks, class rooms, laboratories, and library facilities have been in the agenda of the continuous process.

The institute has prepared a strategic plan to provide the infrastructure of the institute, academic development, extracurricular activities, sports, culture and defined targets for the development of the institute. These targets have been set with extensive consultation with all stake holders, staff, faculty,

alumni, management and Industry. The institute has a plan to strengthen the campus facility for securing NAAC accreditation and NBA accreditation in 2019-20 academic year.

S.No	Year	Institutional Strategic Goals
1	2012-13	1. Promotion of R&D 2. Improving Industry Institute Interaction
2	2015-16	1. Infrastructure Development
3	2017-18	1. IQAC 2. JNTUA Permanent Affiliation 3. UGC 2(f) & 12(B)
4	2019-20	1. NAAC Accreditation 2. NBA
5	2020-25	1. Autonomous 2. Establishing Research Center of JNTU 3. Applying for Grants from Various Agencies.

Successfully Implemented:

1. R&D cell: Research and Development cell was established in 25-06-2012, under this cell faculty and students are encouraged to publish peer reviewed journals in every academic year, various faculty development programs (FDP), workshops and seminars are also planned to be conducted.

2. IQAC: As per the strategic plan which is in line with vision of our institution. IQAC was established in the year 2018. In our institute all major tasks related to teaching learning, academic/administration planning implementation are monitoring IQAC. The IQAC has made a continuous effort to shift from the traditional teacher-centric approach to a student-centric approach.

3. JNTUA permanent affiliation: During the academic year 2018-19, infrastructure was developed as per the requirements of the JNTUA, then application was submitted for permanent affiliation with JNTUA, Ananthapuramu, then JNTUA granted the permanent affiliation.

4. UGC 2(f) & 12(B): in the academic year 2017-18, application was submitted for UGC 2(f) & 12(B) status and UGC granted the UGC 2(f) status and 12(B) status accordingly.

5. NAAC & NBA accreditation: It is under process, the institute is improving following aspects, like...

- Upgradation of infrastructure, laboratory facilities and transportation facilities.
- Entering into MOUs with different organizations
- Inception of Research and Development center
- Increasing the placement ratio in the Institute
- Updating Faculty Personal files, Course files and lab files

- Adding momentum to the alumni activities
- Gearing up for EDC Cell activities.
- Smart Class Rooms Video Theatres.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document
Strategic Plan and deployment documents on the website	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

Geethanjali Institute of Science & Technology established in 2008 under the initiative of M/s Ushodaya Educational Society, has been equipped with a vertically and laterally well defined organizational structure.

- **Governing Body:**

The Governing Body headed by the Chairman along with the Principal as its member Secretary monitors the institutional governance, general administration, financial management and academic affairs. All the policy decisions are executed through the Principal.

- **Principal:**

The principal as head of the institution acts as a bridge between the Governing Body and hierarchy at lower level to execute the policy decisions made by the Governing Body. The Principal supervises all the Academic Bodies, Administration and Committees like Training and Placement Committee and Examination cell. All the Heads of various Departments functions in close association and under the scrupulous guidance of the Principal.

- **Director (Admissions & Administration):**

The Director of the Institution at the next lower level of administrative hierarchy is vested with power to oversee General Administration consisting Admissions, Accounts, Establishment, Purchase, Hostels and Maintenance Section and Construction division with the assistance of the Administrative Officer and the Executive Officer.

- **Head of Department:**

The Academic Departments are governed by the respective Heads of Departments in accordance with the directions and instructions issued by the Principal from time to time. The Heads of Departments enjoy full powers and autonomy to take important administrative and academic decisions safeguarding the interests of their respective students, faculty and staff members.

- **Placement Officer:**

The Training and Placement Officer leads the placements team of in-house aptitude and soft skills trainers, in accordance with the directives and instructions of the Principal. The Training and Placement Division organizes campus drives, keeping in view the ever-changing job market trends to provide employment opportunities to the eligible job aspirants.

- **Executive Officer:**

Executive Officer is in charge of the general estate maintenance, transport, security and surveillance.

- **Administrative Officer:**

The Administrative officer plays a key role in the general administration taking care of accounts, establishment, purchase, maintenance and construction divisions.

- **Hand Book of Rules and Code of Conduct:**

- Detailed Rules and regulations for both staff and students are incorporated. Academic, Non Academic related rules are framed to ensure the disciplined conduct.
- The process of Recruitment and promotional policies are also incorporated for a fresher as well as career advancement. Deserving members of faculty are accorded promotions as and when they acquire higher academic qualifications and as per the AICTE norms, based on service and seniority.
- **Grievance Redressal:** There is a functional grievance redressal mechanism for speedy and efficient handling of any grievances of the stake-holders like students, faculty and women handled by various committees like Student Counseling/Mentor& Redressal Committee, Staff grievances and Redressal Committee and Internal Complaint Committee (ICC).

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts

4.Student Admission and Support**5.Examination****A. All 5 of the above****B. Any 4 of the above****C. Any 3 of the above****D. Any 2 of the above****Response:** C. Any 3 of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP Document	View Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document
Any additional information	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions**Response:**

As part of the implementation of the decentralization concept the institution has formulated nearly 33 committees for effective and efficient administration of the institution in all aspects.

Governing body:

This committee takes key decisions in regard to the governance and administration of the institution. The management executive members i.e office bearers periodically hold meetings and consultations with regard to the overall functioning of the institution discussing and deliberating on various areas which require improvement and remedial measures.

Finance committee:

The finance committee estimates the overall expenditure to incurred in running the institution and approves the budget proposals put forward by various departments to meet the departmental expenditure from time to time.

Library committee:

The library committee holds discussions on issues related to library management and maintenance through different levels . The committee decides on receiving indent from various departments with regard to the number of books to be supplied to each department prior to the commencement of semester and at the close of the semester. The committee also discusses on the particulars of subscriptions to a wide range of publishing houses for procuring engineering text books, reference books, technical magazines and journals.

Admissions committee:

The admissions committee holds consultations with its constituent members on the procedures, processes and modalities of admissions in to the institution under convenor quota apart from the management quota. The committee devices strategies on the strengths and potential of the institution in an effort to attract admissions as per the JNTUA norms.

Anti Ragging Committee:

Anti ragging committee meets and regularly discusses a multiple issues related to the ragging activity and holds discussions on the steps to curb the evil practice of ragging by arranging interactive sessions and counseling to the senior students by briefing them on the harmful and consequences of ragging upon their future. Anti Ragging committee tries to create a conducive ambience in the campus for both freshers and seniors to carry on with their studies in the supportive and cooperative atmosphere.

College Academic Committee:

This holds meetings prior to the commencement of each semester and also at the close of each semester to discuss a wide range of issues related to the affairs of college and makes relevant recommendations to the principal about the curricular programmes and academic strategies to be adopted for the smooth functioning of the institution. The committee designs academic calendars , running of classes, first and second mid instructions, and timely completion of prescribed syllabus and various other related issues.

Examinations Cell:

The Examination cell committee meets at regular intervals to hold discussions on the conduct of mid examinations, university external examinations preparation of question papers, evaluation of answer sheets, uploading of marks of the students..etc.

Student Counseling / Mentor & Redressal Committee:

This committee regularly convenes meetings to discuss various issues connected with academic problems and emotional challenges faced by students. The committee offers counseling for their academic and emotional well being through mentors and also devices various strategies to redress the grievances of the students.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3 Faculty Empowerment Strategies

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

Response:

The college provides free of cost transport facility to the students and staff by operating a fleet of buses to and from the college campus. Periodically faculty buses are arranged for faculty and their families to provide them with a pleasant diversion from routine professional work. The institution grants maternity leave for 3 months and a week of paternity leave as part of welfare measures. Marriage leaves are granted to newly wedded faculty mentors for a week the main aim of keeping them comfortable and happy .in case, their sons/daughter marriage one-week leave is granted to the concerned faculty members as a generous gesture. On duty paid leaves are sanctioned to the faculty members by the way of encouraging them to participating in out of the campus faculty development programs financial assistance in deserving cases. The institution offers generous financial aid to the faculty members/family, when they are unable to afford medical expenses.

The institution offers incentive grants for the faculty for their academic achievements in recognition and appreciation of their publication of papers in pursuit of excellence. The institution regularly bestows increments for the faculty, in recognition and appreciation their professional commitments, services and continuance. The institution bestows honors and appreciation on teaching and non-teaching staff for their professional accomplishments in a broad range of fields by way of warm felicitations. Group Accident Insurance also being provided for the staff.

The institution earmarks reasonable sums of employee provident fund to the non-teaching in accordance with selfprescribed norms employee provident funds scheme is strictly implemented by deducting 12% of the employees monthly salary and contributions 12% of his/her salary towards employee provident fund scheme .the accumulated arrears will be presented to the employee at the time of his/her departure from the institution retirement. The institution provides lab uniform dress material to the technical staff keeping with the norms of professional dress code to ensure their safety and hazard free hand line of lab equipment.

The institution providing ESI medical facility for Non-teaching staff. The institution has a fully functional canteen/mess to meet the needs of the staff and students, making nutrition food available to the students and staff. The institution supplies safe, pure, fresh drinking water to the students and staff, round the clock by the installation of a 500LPH capacity mineral water plant. The institution has setup a campus health care center with qualified health care professional and ambulance facility to cope with medical emergencies. A gymnasium has been launched on the campus premises keeping fitness of the health and physical fitness of the faculty and students to serve as a stress buster and boost up for better focus and concentration.

File Description	Document
Any additional information	View Document
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

Response: 18.71

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

2018-19	2017-18	2016-17	2015-16	2014-15
33	31	24	18	15

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc during the last five years	View Document
Any additional information	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

Response: 7.4

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

2018-19	2017-18	2016-17	2015-16	2014-15
8	11	5	7	6

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 18.88

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
36	08	25	16	31

File Description	Document
IQAC report summary	View Document
Details of teachers attending professional development programs during the last five years	View Document
Any additional information	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Faculty performance appraisal is a mandatory practice which gives a much needed filling to the operational efficiency of the governance of an academic institution. The data collected play a pivotal and meaningful role in accurate assessment of the faculty.

Teaching faculty

A comprehensive performance appraisal mechanism has been in place in the Institution ever since its

inception, periodically revised from time-to-time. A wide range of parameters have been adopted as benchmark standards for assistive the competency levels, aptitude for research and development, ability for teamwork, competency to organize co-curricular and extracurricular activities and publication of technical papers. A faculty-friendly and conducive ambience has been created in the institution which results in staff retention which is a major strength for any academic institution.

The following strategies and techniques have been adopted for the effective and accurate evaluation of the faculty performance in the best interests of the learners. The faculty is advised to take up the self appraisal concerning their comprehensive personality, focusing on his/her strengths and weaknesses pertaining to their academics, teaching skills, potential and caliber to be submitted to the heads of the departments for a realistic evaluation. This in turn will be forwarded to the Head of the Institution for final appraisal on the basis of the following parameters.

- Teaching Capability
- Performance during the year
- Discipline
- Attendance & Punctuality
- Knowledge Pertaining to syllabus and Technical Competence
- Attitude and behavior towards colleagues in the department and students
- Motivation towards work
- Willingness to learn and accept the responsibility
- Willingness to stay overtime to finish pending work
- Willingness to learn
- Ability to discharge the administrative, Research, Consultancy work, if any allotted to him / her during the year
- If eligible, whether fit for promotion / up gradation
- Leaves & permissions availed.
- Any other relevant information

The above metrics have been graded on a 12 point scale by the HOD and submitted to the Principal with appropriate remarks.

Non-Teaching Staff

The heterogeneous nature of the composition of non-teaching staff requires certain standardized parameters applicable to all categories. The Institution collects annual self appraisal data from the non-teaching staff in a prescribed form. The key parameters for the performance appraisal and estimation of the non-teaching members considered on a five point scale are as follows:

- A brief job description & dedication to the job
- Attitude towards peers, students and public
- Levels of courtesy and cooperation
- Self motivation and ability to motivate others
- Establishing rapport
- Sensitivity to the needs of the students and faculty
- Inter-personal relations

- Dependability in carrying out tasks
- Attendance & performance
- Punctuality, discipline and propriety.
- Informing HoDs during planned and unplanned leave
- Self-driven initiatives, lend assistance voluntarily, offer suggestions
- Response to supervision and correction
- Attitude and ability to get trained and ambition for growth
- Innovation and out of the box thinking
- Knowledge of the job - of theory and hands-on- job functions and satisfactory performance



File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:**6.4.1 Institution conducts internal and external financial audits regularly**

The institute adheres to the mandatory practice of regular external audit in the financial management every year. In addition, an unstructured mechanism of internal audit is in practice. The account section performs audit of the every single financial transactions of the institution on day-to-day basis. The statutory auditors periodically visit the finance section and undertake a thorough verification of financial records in accordance with the norms and parameters laid down by the Govt. of India as external audit.

The Institution adopts very stringent fool-proof financial management practices for transactional ease, efficacy and accounting. Internal financial discipline is strictly adhered to, in performing various transactions in the process of material purchase, procurement of machinery adopting all the standard procedures and norms in inviting quotations, preparation of comparative statements, issue of purchase orders followed by procurement of machinery/material, so that, even the remote possibility for financial irregularities is ruled out. Our financial statements provide strong and irrefutable evidence of the fairness and truthfulness of the financial management of the institution.

Internal Audit

Though structured internal audit mechanism is not perceivable, the Institution follows a very functional approach for the verification of all the expenses incurred. When the events and the activities are conducted during the course of the year, the respective Convenors propose a budget through proper channel, duly endorsed by the Principal and approved by the Financial Committee of the College. The amount is drawn and spent as per the proposed budget and statements of expenditure supported by vouchers are submitted within three or four working days after the event, for reconciliation after verification, first by the convener, then the Principal and finally the Accounts section, who make an in-depth probe into all the details before filing for external audit.

External Audit:

In the mandatory annual external audit by competent registered professionals, the auditors practice standard procedures and processes to obtain a reasonable confirmation to rule-out any financial irregularities or discrepancies in the balance sheet. They intensely examine and cross verify the finances emanating from various sources, their authenticity and validity and strike a balance between the financial resources and expenditure incurred by the institution under various heads. They issue the audit report and based on their findings, record objections, if any along with the balance sheet for the year, properly reconciling the income and expenditure. These statements reflect the income from fees, transport, hostels and other specific donations received for the development of fixed assets and laboratory equipment and respective expenditure against them.

Owing to the strict financial discipline of the college, there never have been significant objections or deviations in the audits. Audit objections are instantaneously attended to and rectified. The institution submits income tax returns at the end of every financial year without any dues and e-files the TDS details collected from the faculty. Tally software is used to place the whole financial data on record.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response: 47.36

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

2018-19	2017-18	2016-17	2015-16	2014-15
4.22	5.69	4.39	13.93	19.13

File Description	Document
Details of Funds / Grants received from non-government bodies 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

Response:

Mobilization of Funds

Resource mobilization and optimal utilization of the procured fund is a crucial factor in running an academic Institution. The Institute has established pattern of mobilization of required fund. Some of the major sources of income are listed here under:

- **Tuition Fee:** The major source of regular income is from the periodic tuition fees from the students.
- **Secured Loans:** Secured loans from the banks and financial institutions in the form of vehicle loans and term loans as another significant source.
- **Unsecured Loans:** Unsecured loans in the form of temporary adjustments from the members of the society is another resource option.
- **Over Drafts:** Banks and Financial Institutions permit over drafts due to the impeccable credentials maintained by the Institute.
- **Transportation Fee:** The nominal charges collected from the students towards the transportation

fees is another marginal source of income.

- **Hostel Fee:** Hostel accommodation is essential for the students who come from far off places and the fee charged for the maintenance of hostels is another source of income to the institution.
- Part of the examination fee paid by students from JNTUA examination fee is retained with the institution as per the university guidelines, to be utilized for expenses like staff remuneration, stationery etc.,
- A fund received from JNTUA nodal centre towards NSS activities is one more source of income for conducting social service activities.
- : There are several other sources, the income trickles in from time to time such as canteen maintenance, registration charges for FDPs, workshops & seminars and interest received on corpus.

The Institute follows appropriate strategies for optimization of expenditure in simple, direct and effective manner.

Utilization of Resources:

After the generation of the revenue, the Executive Committee along with Financial Committee reviews the status and declares the financial policy for the year, underlining the actual amount available for expenditure under diverse categories. The Principal calls for a budget meeting and all the budget proposals are received from the HoDs of respective departments. All such proposals are put before the Governing Body for review and recommendations of Finance committee for due approvals under specific heads and are spent accordingly.

Funds utilization strategies:

The budget amount is earmarked annually in accordance with the financial requirement of each department following wide consultations and extensive discussions hierarchical structure and the funds are allocated in the budget accordingly. According to financial requirement of each department, budget amount will be allocated annually for maintenance, of infrastructure and purchase of equipments for various labs and Training Aids.

Expenditure Procedures:

The supervisory mechanism ensures proper utilization of funds strictly in accordance with the pre-determined allocations to each individual department. It also ensures a judicious, prudent and optimal utilization of the allocated amounts as per the requirement of each department. The other heads of expenditure include salaries and wages, administrative expenses, maintenance of transport, garden, canteen and generators, bank charges, financial costs and interests, functions and festivals, workshops and seminars, printing and stationery, internet and telephone charges etc.

File Description	Document
Any additional information	View Document
Link for 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

Response:

The IQAC has been established in the Institute on 02-07-2018 with the primary objective of evolving diverse strategies exclusively to better the quality standards and device a broad range of learner centric practices for academic excellence of the institute.

Before the inception of IQAC, ICC was launched in academic year 2014-15 to address various problems and challenges faced by the girl students in the campus. In an effort to find out initiate corrective measures to ensure the safety and security for girl students in the campus. In the academic year 2015-16 the initiate of self appraisal was introduced facilitating the continuous self assessment of the faculty in all aspects of his/her professional career. This self appraisal initiative really helped a number of faculty to improve their qualifications and do various technical certificate courses, under take research in their respective field of specialization and paper publications.

During the AY 2016-17, the department of civil engineering has initiated consultancy works in association with several clients of government and private sectors especially on soil testing. The department derived considerable benefit by securing sanction of funds to undertake project of soil testing. Course files, personal files, project files, lab files were introduced for the purpose of evaluating the performance and professional competencies of the faculty for their continuous improvement.

During the year 2017-18, APSSDC was launched in the institution with the objective of upgrading the employability skills of the engineering graduates to meet the requirements of the industry. In addition to that Wheel box employability test (west) was introduced to evaluate and strengthen the employability skills of the prospective engineering graduates. During the same year E-box platform was introduced on the coding and programming languages to acquaint the students with emerging trends in campus selection process.

In the year 2018-19 IQAC was launched aiming at the improvement of quality standards of the institution through the adoption of diverse strategies. IQAC cell enjoys the unique distinction of being the most important of all the committees formed in the institution.

The following practices are executed under IQAC initiative during the AY 2018-19.

Practice 1: Departmental Auditing by IQAC committee members

Under IQAC initiative, faculty research publications, MOUS, ALUMNI, CONFERENCES, FDPS, NLTS, maintenance laboratories,... are periodically verified and checked. To determine whether the department has achieved the prescribed target. A report is presented on the basis of outcome of verification and recommendations are made to correct any deficiencies and improve the quality standards of the department.

Practice 2: Student Quality Enhancement Audit

With regard to the student enhancement audit IQAC committee collects the report from all the departments

regarding student quality through the conduct of many programs. The various events conducted to develop the student academic potential and caliber. Workshops and NPTEL courses aimed at the advancement of student skills to facilitate the practice of self learning. All the features in this report serve as effective tools to determine the quality of a student and enable the student to enhance his ability and skills to attain goals.

File Description	Document
Any additional information	View Document
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

Response:

IQAC of the institution reviews its teaching learning and methodologies and learning outcomes at periodic intervals.

Practice 1: Teaching Methodologies

IQAC conducts auditing in periodical intervals by gathering data from faculty in a specially designed format for the purpose of accurate evaluation of the quality and questionnaires annually with main emphasis on curricular aspects, teaching learning methods, faculty programs and institutional programs. Diverse methodologies such as presentations, group discussions, tech talk, game based learning, field visits, assignments, flipped classrooms, Quiz, story boat, case studies, Video clips, recitation, mind maps & Puzzle maps, fish bowl, Think pair share, Flowcharts, mini projects, Student seminars, prototype, posters, experimental learning etc are adopted under the initiative of IQAC to improve the quality of content delivery through practical application of these innovative approaches to establish a fruitful student – facultySteps are taken to improve overall performance of the college by analyzing the teaching formats which enable students for easy learning. As part of the above teaching methodologies the staff frequently conduct presentations, group discussions, tech talk, field visits, assignments, quiz, case studies, flow charts, mini projects, student seminars, posters, experimental learning etc. The Academic Council consisting of the Principal and senior faculty in a General body formulate effective planning systematically monitors and reviews teaching learning and other activities of the institution to ensure the conformity to the prescribed IQAC norms. The suggestion/complaint box are installed in every departments i.e., EEE, ECE, CSE, MECH and CIVIL for the immediate redressal of grievances of the students following the guidelines of IQAC. Suggestions are considered while framing policies related to the institution. The staff council meeting is held in the beginning of the session for elaborate discussions on the planning and execution of the academic instruction and teaching methodologies keeping with the guidelines of the IQAC. A daily

teaching diary of each faculty members duly signed by the HODs is submitted every month to the principal for the approval.

Faculty Quality Enhancement Audit

IQAC Committee laid special focus on robust faculty learning. IQAC insisted on adopting various innovative methodologies and techniques for better quality technical learning. The IQAC committee insists on the preparation of course files by the faculty strictly adhering to the norms. The IQAC strongly recommends the faculty to prepare and design Course files, Lab files, Project files and Personal files laying special focus on allotted subjects and labs for affective teaching and learning outcomes. IQAC Checks and verifies the Course files, lab files, and project files before the academic year commences and the concerned department has to present the data every year before the commencement of semester and close of semester. IQAC also scrutinizes keenly the personnel files and update the quality improvement of the faculty as part of their career building thrice in the academic year i.e., at the commencement in the middle and at the close of AY. By adopting this practical approach the faculty can widen the scope of learning and knowledge paving the way for their successful career building in teaching profession.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 10

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
15	8	13	7	7

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
Any additional information	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
- 2.Academic Administrative Audit (AAA) and initiation of follow up action**
- 3.Participation in NIRF**
- 4.ISO Certification**
- 5.NBA or any other quality audit**

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document
Any additional information	View Document
Annual reports of institution	View Document

6.5.5 Incremental improvements made during the preceding five years (in case of first cycle) Post accreditation quality initiatives (second and subsequent cycles)

Response:

- 1.Geethanjali Institute of Science and Technology (GIST) has adopted an effective internal and external quality enhancement mechanism. The Internal academic and administrative processes are monitored continuously and consistently audited periodically through a robust audit mechanism. The GIST also undergoes quality audits of its processes by way of accreditations and inspections by legally constituted controlling bodies. The reports of these bodies form an input to the Internal Quality Assurance processes thus resulting in better quality functioning of the institution.
- 2.Continuous incremental improvement is a routine ongoing effort in the affiliated university to make for effective systems and processes. The observations and inputs offered by the external agencies are followed up rigorously till they are completely fulfilled and employed as the further benchmarks to reach next higher level.

3. (a) The annual planning process adopted by IQAC ensures that there is continuous availability of faculty and other resources throughout the academic year.

(b) Dynamic interaction of Alumni with institution definitely gives a big boost to the brand value of the institution. The college frequently extends invitations to the alumni for alumni meets. The institution arranges guest lectures by the Alumni for the benefit of their juniors. To brought about an understanding about the employment opportunities and career prospects after graduation.

Infrastructure Development: GIST has invested huge sums on infrastructural development and the investment has increased more than ten times over the last five years. Sizable budget was allocated for computing facilities and digitalization. For better quality library services, huge amounts were spent on the subscriptions for e-journals, technical magazines, a wide range of engineering reference books of global standards.

Placements: GIST has established a good reputation for the best placement track record and occupied a premier position in respect of placements over the last five years. Top multinational companies in IT sector, core sector visited the campus for conducting campus drives and to place hundreds of students in reputed MNCs with lucrative salary packages in IT majors such as Emphasis, HCL, Wipro, IBM, CTS, Infosys and TCS. The institution conducts high quality training programs for the job aspirants involving industrial and corporate experts spending large sums of money.

Galaxy of Doctorates: In spite of incurring a huge expenditure on the enhancement of quality infrastructure over a decade since the inception of the institution in all aspects. It is to the credit of this institution that a galaxy of thirty five doctorate faculty members are actively involved in the collaborative work with the institution to achieve high standards of academic excellence. The institution also encourages the post graduate faculty passionate about obtaining PhD's by way of providing multiple benefits to them.

Dynamic NSS Unit: GIST champions the cause of national unity and fosters a spirit of service and sacrifice among the students community. GIST designs and organizes a broad range of social service programs, awareness building campaigns highlighting environmental concerns, contemporary social issues in the surrounding villages.

1. Under the auspices of the NSS unit, a workshop was organized on the theme of "First-Aid and Disaster Management" to bring about an awareness among the students by offering them many useful inputs and insights on providing first-aid to the needy and handling disasters.
2. The NSS unit organizes "International Yoga Day" and creates awareness among the students about the physical, emotional, mental, intellectual and spiritual benefits of the Indian Yoga system. Awareness building campaigns and yoga counselling sessions are also offered to the students to handle various health and personality related issues.
3. The NSS unit of GIST plays a very active role in organizing Swatcha Bharath program on a regular basis in consonance with the honourable PM's pet project. Numerous NSS initiatives such as adoption of a village and conducting a large number of awareness campaigns about environmental pollution and ecological imbalances are undertaking.
4. The NSS unit organizes multiple events to create awareness among the students about the importance of exercising their voting rights to elect honest capable and committed leaders for national development without being allured by freebies and other financial benefits offered by the

contestants. The polling officials visit the college and brief the students about the operation of EVMs.

5. The NSS unit organizes The Engineers Day celebrations commemorating the birth day of eminent civil engineer Late Sri M. Visveswaraiah on a grand scale highlighting constructive role played by the young engineers in the national development.
6. The NSS unit of GIST makes a humble yet significant contribution to the cause of the spread of adult literacy in the surrounding villages. NSS volunteers visit the villages in the neighbourhood of the institution to enlighten the illiterate adults about the importance of literacy and arrange teaching sessions for them to spread literacy.

Internships& Industrial Visits: GIST has achieved an incremental growth in students internships starting from zero internships at the beginning and reached the number of 233 over the last five years. The products of GIST acquire the real time exposure and hands on experience by way of internships in reputed industrial houses which exercises a highly beneficial impact on their professional career building.

NPTEL Initiative: GIST extends necessary encouragement and motivation to the faculty who are passionate about enhancing their academic credentials to undergo NPTEL certification courses for quality delivery of the content and effective teaching practices.

Sports &Games Culture: GIST strongly believes in the concept of the physical, mental and emotional development of the students and has introduced a broad range of sports and games events on the campus paving the way for the holistic development of the students. The students of GIST routinely participate in various district level, state level and university level tournaments in a wide variety of games and sports and bag awards, prizes and trophies. On an average twenty sports and games events are organized on the campus every year including the outdoor games and indoor games to provide them with refreshing diversion from the academic routine.

File Description	Document
Any additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 18

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
7	3	3	3	2

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document
Any additional information	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

Internal Complaint Committee (ICC)

ICC will examine all matters relating to women/girls in the institution and will make suggestions and proposals to the institute administration regarding such matters. The committee will arrange programs on Women's Day and at other times, as is deemed necessary.

The committee will admit complaints from

- Female employees being harassed/discriminated, if any in the workplace by other employees. Female students being harassed/discriminated, if any in the classroom and in relation to academic activities by faculty and Female staff residents being harassed/assaulted if any and other forms of misbehavior by employees.
- The Committee will appoint Enquiry Committee as it deems fit to examine particular complaints.

- The Committee will make recommendations or actions to be taken on specific complaints.

ICC has been constituted to ensure safety and due dignity to female members in the Institution.

The ICC works to promote gender sensitivity in the Institution and produce harmonious atmosphere in the campus. It organizes workshops and sensitization programs both for staff and students by eminent psychologists and social workers.

GIST provides gender equality and around 35% of the total employment in all categories are women. The institute supports the career progression and development of female professional and academic staff. It provides women with opportunities to grow in their respective domains encouraging leadership capabilities and building professional skills to enable them participate in important administrative roles in the college.

In all the administrative committees' lady faculty are given equal opportunities to become members. Rigid measures are adopted if any instance of harassment of women of any level, ragging, any form of gender discrimination, mental abuse or sexual harassment. Internal Complaint Committee has been formed to address grievances of female employees as well as students. Suggestion boxes are provided in the college at respective places, so that students can feel free to post issues regarding various sensitive issues which are delicate to report in person.

Basic functionalities of the cell:

1. The cell promotes gender sensitivity in the institution
2. Conducts diverse programs to educate and sensitize both male and female members
3. Checks any misbehavior towards women or any injustice caused by the gents

1. Safety & Security

Geethanjali Institute of Science and Technology provides a safe and secure environment to the students, faculty and non teaching staff. Institution's security wing is available 24X7 to address the safety and security and provides assistance towards it. Electronic Surveillance is fixed in different locations and there is monitoring of safety and security.

The security verifies and takes care of the check-in and check-out of institute buses. The institute provides exclusive transport to girl students duly accompanied by female faculty in their routes. The Chief security officer monitors the entire premises every day.

The College has closed environment with buildings and compound wall. Rest rooms are provided at each floor for boys and girls. Members of ICC also monitor safety and security issues. Faculty members monitor all the class rooms during tea breaks and lunch breaks.

The institution has fire extinguishers at appropriate places in each floor to safeguard the fire accidents. The institute has First-Aid boxes in all the departments, Labs, security office and administrative office. The institute has a medical room for medical emergencies of staff & students.

2. Counselling:

The major objective of the counseling centre is to facilitate academic, emotional, social and cognitive

development of the students and their holistic empowerment.

The ICC members are also allocated as specific mentors to take care of girl students and counsel them regularly on different issues. The ICC has prepared regular minutes for conducted counseling sessions.

The ICC also attends to the Grievances of the aggrieved students and deciphers their problems. All proceedings of the counseling are recorded. The Cell will provide assistance to the faculty for taking preventive measures in the matter of gender discrimination and sexual harassment.

Our Institute provides counseling to the students on every fortnight to make them aware of so many issues such as

- Relationship with parents.
- Academic performance.
- Attaining 100 % attendance.
- Importance of helmet for students having two wheeler.
- Personality development.
- Overcoming procrastination.
- Grooming
- Utilizing available resources.

3. Common Rooms:

Common rooms are available for girl students to accommodate them comfortably. These are furnished with all basic amenities such as mirrors, common beds, tables and chairs along with attached toilets to have a pleasant and comfortable stay. Faculty cabins are also facilitated with attached toilet. These common rooms are under strict security surveillance to ensure their safety. Constant supervision is provided by respective faculty members to ensure proper utilization of the common rooms and their facilities by the students for genuine purposes.

Dispensary:

Dispensary is available for students and faculty for any sudden health issues. Immediate first aid and medical treatment are provided to the students in case of any emergency medical conditions, which proves amply the concern and care of the institution with respect to the health and security of the students as well faculty. Further, a vehicle is kept ready round the clock, to handle any emergency situations.

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 20.61

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 106845

7.1.3.2 Total annual power requirement (in KWH)

Response: 518400

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 37.63

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 26910

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 71510

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document
Any additional information	View Document

7.1.5 Waste Management steps including:

- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Response:

The institution is cognizant of the hazardous nature in the inadequate practices of waste management and takes comprehensive measures for

- Solid waste management

- Liquid waste management
- E-waste management

Solid Waste Management:

Solid waste is segregated into dry waste and wet waste. Non biodegradable waste, generated and accumulated in the institution is collected in large plastic bins and disposed of in a location away from the institution to be picked up by the nearby village panchayat waste disposal vehicles. In most cases incineration of waste disposal practice is adopted to avoid pollution. The practices are intended to be eco friendly.

Wet waste: all bio degradable waste like fruit/vegetable peels tea leaves, coffee powder, egg shells, meat and bones, food scraps, rotten flowers and even pieces of paper are disposed of in big plastic containers. Chlorination and bleaching methods are adopted for neutralizing the unpleasant foul smells emitted by the wet waste.

Liquid Waste Management

Disposal of liquid waste requires sensitive and deft handling. The institution has devised special mechanism to discard the liquid waste in the college is discharged into the identified outlets through a network of drain pipes. The liquid waste generated by the college/canteen is partly utilized as a nutritious fertilizer for growing greenery in the campus. Low flush toilets are installed in the college buildings to ensure easy discharge of human waste.

E-Waste Management:

E-waste is an electronic product nearing the end of their useful life. E waste can be potentially hazardous, if not managed properly.

- Reusable components in the waste are identified and used during repairs of electronic components.
- All the E-waste generated in the Institution is segregated and stored in one room (EB 401) to be professionally handled by the authorized agencies to facilitate dismantling and recycling in accordance with the norms of National Pollution Control Board (NPCB).

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

Rain Water Harvesting

Depletion of ground water levels and sources of surface water pose serious threat to the very survival of humanity, necessitating immediate measures towards water conservation. Rain water harvesting is a technique of collection and infiltration of rainwater. The Institute takes several measures to make the optimum conservation of the rain water.

Roof top water harvesting in the campus:

Roof top area of the main building of Geethanjali Institute of Science & Technology is 4884 sq m. The rain water from the top of the roofs is collected through a well connected network of pipe delivery system. The water collected is led through a passage into the recharge pit, constructed at the northern side of the main building. The water thus stored in the pit is allowed to get absorbed into the ground, which in turn helps to increase the ground water level. The dimensions of the pit are 3.3m X 3m X 3m. The capacity of recharge pit is 29,000 Lt/hr.

The recharge pit is filled with the following materials for effective absorption process:

- Layer 1: Boulders (80mm-150mm)- 5.66m³
- Layer 2: 40mm size aggregates- 5.66m³
- Layer 3: Brick bats- 5.66m³
- Layer 4: 20mm size aggregates- 5.66m³
- Layer 5: 12mm chips- 2.83m³
- Layer 6: Sand- 2.83m³

Surface Run-off water harvesting:

The Institution has devised mud ridges in certain locations in the open areas to stop and stock the run-off rain water. These mud ridges restrict the free flow of water in specific identified areas. This hinders the flow-away of the water and the stored water gets absorbed into the ground over a period of time. This may help in raising the water-table of the area. In addition, this enables control of soil erosion.

Contouring and landscaping

The contouring and landscaping of the campus is well defined with a carpet of grass spread in the campus holding water from running off and allowing greater levels of absorption. Layers of sand and clay have been spread to quickly absorb the rain water as it falls, minimizing the run-off loss. Excess water is diverted to the north-eastern corner of the campus, where a moderate pond gathers and stores all such water. Incidentally, the pond houses several species of fishes and flowering water plants, adding to the beauty of campus.

Green Cover:

The discreetly developed green cover in the campus also contributes plenty of water retention. The root regions of the trees hold on to the water for longer duration causing absorption and rise in the water level. Besides, evaporation losses could be moderated and replenishment of ground water resulting in the rise of ground water table.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

Response:

1. Bicycles: The faculty members and students residing nearby are encouraged to use bicycles as a means of transport. Bicycle riding enhances the body fitness of the youngsters besides keeping the campus free from toxic fumes and pollutant smoke emitted by vehicles and helps in preserving the clean and green surroundings of the campus.

2. Public transport: The institute is located close to four lane road (Nellore-Bombay highway) so we strongly advised our faculty members and students to use the public transport for safety, security and fuel conservation. The college students are encouraged to utilize the public transport system as the campus is connected with frequent bus services from district headquarters and surrounding town and villages. The institute has 24 Buses and transport facility is also provided to the staff there by reducing the usage of two-wheelers which in turn helps in fuel saving and to control air pollution.

3. Pedestrian friendly roads: Pedestrian friendly roads add a beautiful look to the campus which facilitates the orderly movement of vehicles, the plants on either side on the road makes for a good campus ambience. The campus has wide well maintained black top roads covering every nook and corner of it. One side of the road is kept for pedestrians for safety. Vehicle movement is well planned and monitored in the campus with the help of dividers and involvement of supporting staff.

4. Plastic free campus: The College strictly prohibits use of plastic products and polythene covers in the campus. The usage of plates and cups made of metal and biodegradable substances such as paper and leaves is encouraged. Even in the canteen usage of steel plates and cups are made mandatory. Staff conducts awareness programs making the students understand the harmful and hazardous plastic usage on the surroundings.

5. Paperless office: The Management has evince keen interest in making the office a paperless office by introducing paperless administration. The accounts, office and academic information is stored and maintained in the systems. The campus is Wi-Fi enabled making it much easier for paper less a functioning. Even the official data and circulars are preferred to be sent only through college mails.

6. Green landscaping with trees and plants: The institute has initiated several measures for Gardening and plantations to make Campus Green. A large extent of land is covered with trees and greenery. Tree plantation and maintenance of lawns in the campus are the regular activity of the institution. Villages nearby are encouraged for plantations by providing samplings and conducting awareness programs.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0.12

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0.16	0.53	0.79	0.30	0.86

File Description	Document
Green audit report	View Document
Details of expenditure on green initiatives and waste management during the last five years	View Document
Any additional information	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: A. 7 and more of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
Any additional information	View Document
link to photos and videos of facilities for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 0

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 15

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
2	3	2	4	4

File Description	Document
Report of the event	View Document
Any additional information	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
Any additional information	View Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics**Response:** Yes

File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions**Response:** Yes

File Description	Document
Any additional information	View Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years**Response:** 27

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
8	8	3	5	3

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

The Institution scrupulously observes and celebrates important Days of National importance and birth anniversaries of the celebrated personalities by paying homage and recalling their role in the progress of the nation.

Republic Day - 26th January & Independence Day - 15th August

Republic Day and Independence Day are celebrated in the campus with rhythmic march pasts, hoisting national flag and rendering national anthem in all solemnity, patriotic fervor and decorum following the standard protocols.

National Youth Day

National Youth Day is celebrated on **12th January** commemorating the birth anniversary of the philosopher Swami Vivekananda. Several competitions are conducted for the students such as essay writing, elocution etc.

National Voters' Day

The Institute celebrates the National Voters Day on **25th January**. NSS wing organizes 'a voter's pledge' to cast vote without fear or consideration of religion, caste, creed, language or any inducement for the betterment of the nation.

National Science Day

Dr. C.V. Raman's birthday is celebrated as National Science Day on **28th February**. Speeches by staff and students exalted the great scientist and his invention of Raman Effect. Literary competitions Essay writing, Elocution were also conducted.

Dr. B.R Ambedkar's Birthday

Dr. B.R. Ambedkar, the architect of Indian Constitution, is reverently remembered on his birth anniversary on **14th April** and his contributions.

Teachers' Day

The role of the teachers in the current Day context is emphasized on the Teachers' Day on **05th September**, celebrating the birth anniversary of the great Indian philosopher-teacher, Dr. Sarvepalli Radhakrishnan.

Engineers' Day

Birth anniversary of the great Engineer, Dr. M. Visvesvarayya, is celebrated as Engineers' Day on **15th September**. Technical competitions are organized by the departments on the occasion.

Gandhi Jayanthi

Remembering the Father of the Nation, Gandhi Jayanthi is celebrated on **02nd October** in the college in a befitting way. His role in the struggle for freedom and advocacy of Sathyagrahas are recalled.

APJ Abdul Kalam's Birthday

The Missile Man of India, Dr. A. P. J. Abdul Kalam is respectfully remembered on his birth anniversary on **15th October**. His great contributions in the Missile technology, sounding rockets and series of LVs are acknowledged.

National Police Commemoration Day

The National Police Commemoration Day is observed every year on **21st October** recalling the great sacrifices and services of the brave police in discharging their duties. In association with the Local Police at Kovur Police Station, the NSS volunteers conduct a blood donation camp on the Day.

Mathematics Day

National Mathematics Day is organized in the GIST campus on **22nd December** commemorating the birth anniversary of the prodigious Indian Mathematician Sri Srinivasa Ramanujan. Speeches focus on the primacy and importance of mathematics as the mother of all sciences.

File Description	Document
Any additional information	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions as can be illustrated in the following practices. Timely and accurate information to the University, community and all the stakeholders as well as the State Government is presented. All the information is posted in the Institute website with relevant documentary evidence, which can be accessed by any, for verification.

Academic Transparency:

All academic decisions in the Institution are taken in the respective departments relating to subject allocation, arranging guest lectures, organizing seminars, and workshops, conducting counseling for students by faculty advisors twice in a semester, internal assessment of the students in a centralized manner etc., in open democratic approach. All transactions are open for discussion for any possible improvement.

Evaluation & Midterm Examinations

The students are permitted to go through their evaluated answer scripts in the midterm examinations and in case of any discrepancy in the award of marks, the necessary corrections are made right in the presence of the students. Finally, marks will be sent to their parents / guardians.

Financial Transparency

All the financial transactions are very transparent in the Institution with proper accounting and auditing mechanism.

Each Department presents the budget proposals before commencement of the academic year. The proposals are discussed in the College academic committee meetings and then in the Governing Body and due approvals are given. Appropriate budgetary provisions are made and released. The amount is spent as per the specific proposals for acquiring additional equipment and so on. The sanctions and expenditures are submitted to the account section for reconciliation, which will be audited by authorized external auditors annually. It ensures that all the financial transactions, reports and documents are completed with integrity.

Administrative Transparency:

Defined procedures exist in the Institution for administrative activities, code of handbook for students and staff, code of ethics, centre for research and innovation policy, research promotion policy, and consultancy promotion policy and so on, all of them discussed and finalized in the meetings with respective members.

Grievance Cells

All the Grievance Cells follow an open approach providing scope for the accused and the victim to articulate their voices as per the established procedures without any scope for suspecting its functionality. All the grievances are addressed as per merit in a fixed time scale and strictly according to the pre-defined procedures. The details are communicated through circulars and display boards.

Auxiliary Functions:

All the auxiliary functions are carried out in an open and transparent manner for smooth and seamless functioning of the institution through different committees formed for an exclusive purpose, such as:

- Library Committee
- College Academic Committee
- Examination Cell
- Student Counseling/Mentor& Redressal Committee
- Research & Development and Consultancy Committee
- Anti-Ragging Committee
- Staff grievances and Redressal Committee
- Social (SC&ST) Welfare Cell
- Sport and Games Committee
- Campus maintenance Committee
- Geethanjali Transportation Committee
- Hobby Clubs

- Placement and Career Guidance Cell
- NSS, Swatch Bharat Club, Energy Conservation Club
- ICC-Internal Complaint Committee

File Description	Document
Any additional information	View Document

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

BEST PRACTICE 1

Title of the Practice: GIST CARVING CAREERS - Skill Enhancement Programmes at par with academics introduced from I st year to IV year students in college Schedule.

Objectives of the Practice

To be proactive rather than reactive.

To create career building employment opportunities.

Contribution to the society.

To achieve success in life one needs to be highly proactive rather than being reactive in nature. To attain career building and promising job, multiple skills are very much important. Hence, concentration on Personality Development in the I year, Communication and Soft Skills in the II year, Aptitude, technical Skills and online programming platforms in the III year & Company Specific Trainings in the IV year along with assessments which are purely process based are imparted to build the skills of the student.

The Context

Today's generation is the most challenging in this competitive world. As the college is located in a rural place, students need lot of exposure on the global scenarios and the industry requirements and their readiness to face the global competition. Communication skills being the highest need to connect globally, that has to be imparted on a broader scale. Students are unaware of frequent changes in IT/ITES job industry. Student's personality to be groomed and logical skills need to be sharpened. Technical exposure and programming skills are highly important to crack the IT, R&D opportunities. As the industry expectations are beyond the academic curriculum, students need to equip at deeper level of their knowledge & skills. Students always aim at passing the subjects or get good grades but do not strive to gain command over the subjects. In order to address the need of the hour Training, Placements & Career Guidance Cell - 'GIST CARVING CAREERS' enable students to up skill with Tailor-made programs which will transform to a thorough professional. In-House Trainers always support students on the

challenges that they come across from day-to-day practices and counsel them to sustain their preparation and interest. Orientation programs will motivate the students towards creating interest to self learn and effectively use online resources.

The Practice

Skill Enhancement Programmes are started in the academic year 2014-15 with the support of management. As the students in the 1st year come from the traditional learning which is totally different in engineering education. Here, students require interactive learning in teams. Management of the institution employed experienced and capable trainers to impart various trainings. Online platforms are introduced in 2018 on which students practice mock tests and their performance is evaluated by in-house trainers and the same is discussed in Training, Placement and Guidance cell committee meetings. Additional lab hours are given to students after college time for practicing modules of the training. Students and TPCG cell staff connect on what's app groups to interact on placement related activities and mock tests on a regular basis. Holidays time is best utilized to give extra inputs so that students are in touch with the subject.

Evidence of Success

Placements in the past 5years experienced a significant change and it is acting as one of the influencing factors to the institution in getting good number of admissions. GIST, is one of the chosen engineering college in the town. Alumni frequently visit the campus and motivate the juniors. Placed students motivate their unplaced classmates to get placed and also they interact with juniors and set the expectations. Selected students create a vibrant ambience in the campus. They associate with the staff members as volunteers in training and orientation programs for the juniors whenever they are free. Their success in fact is a torch bearer for their juniors in participating, choosing careers in companies. GIST witnessed, majority of the admissions are referred by the alumni as the contribution to the institution.

Placement Report For 5 Years						
Department	No of Students Appeared	No of Students Graduated	No of Placed (Offers)	No of Placed (Students)	% of Students Graduated	% of Placements
2018-2019	511	323	249	212	62.96	41.49
2017-2018	369	204	163	152	54.84	41.19
2016-2017	403	213	182	154	52.08	38.21
2015-2016	430	251	179	176	58.1	40.93
2014-2015	304	195	122	118	63.11	38.82
TOTAL	2017	1186	895	812	58.28	40.13

Problems Encountered and Resources Required

Encouraging students to undergo training became a Himalayan task in the year 2014-15, as they have no idea about placement activities. But placement results made students to actively participate in training in the academic year 2015-16. Contacting industry experts for orientation and Technical training proved to be tough. Because of these problems Training, Placements & Career Guidance cell could not perform many activities as planned in the first two years. On the other hand latest technologies need compatible processors and memory of CPU and Hi-End monitors. Management of Geethanjali institute of science and technology addressed these issues seriously and provided the infrastructure from time to time whenever required. Gradually remarkable changes happened from 2018 as students are facilitated with mock tests, Industrial/ Professional Tours, campus recruitment training (CRT) and the institute also established APSSDC for skill development among the students. These facilities helped the students to get placed in various MNC's with attractive packages.

BEST PRACTICE 2

1. Title of the Practice – STUDENT MENTORING

2. Objectives of the Practice:

1. To encourage the students to achieve development in academic, emotional, personal and social aspects.
2. To reach his/her goal, counseling services help them develop all round personality and personality and find practical solutions to their daily problems and challenges.
3. To monitor discipline of the students regularly.
 1. To enable the parents to keep a track of the academic progress of their wards.
 2. To strengthen teacher – Student relationship.
 3. To guide the students in choosing right career path, higher education, and entrepreneurship etc.

- 4.To motivate the students to improve the quality of life and make them responsible citizens in the society.
- 5.To inculcate discipline, punctuality and professional approach in the students for career building.

3. The Context:

Since most of the students are from rural areas and first generation learners, it is imperative for the institution to provide mentoring i.e., guidance for all round development of the students as they are not matured enough to take decisions on their own in the vast changing technology scenario. The mentorship program of the institution guides and counsels the students in academic, non-academic matters including personal domain to achieve their goals in life. In particular, the scheme aims at addressing deficiencies in attitude, habits and knowledge of the students. As the students belong to different socio-cultural and economic backgrounds, it is necessary to opt mentoring as one of the best practices by the institution.

The Practice:

- 1.Mentoring session is conducted twice in a month from 3.30p.m to 4.30p.m on a regular basis.
- 2.Attending the mentoring sessions is mandatory for every student.
- 3.Mentors are assigned for a group of 15-20 students to guide them the whole year.
- 4.Every section has 2 mentors to offer counseling. Each mentor gets 15-20 students and they maintain counseling and mentoring register.
- 5.The mentors are provided with details of mentee's performances in terms of academic (weekly test, class test, mid and end semester exam) and attendance records.
- 6.The mentor also keeps track of the mentee's personal development such as co –curricular activities, discipline and career related issues.
- 7.In case the student is absent for more than ten days, mentor informs his/her parents, enquires the reason and advises them to take necessary care of their ward. If the student is repeatedly absent in spite of the mentors advice, the details of the student are forwarded to the principal for necessary action.
- 8.The mentors prepare attendance of every student for each section and send the information to parents of defaulters through proper channel.
- 9.The practice of the mentoring system is evaluated by the Principal monthly so as to ensure better quality and efficiency in practice.
- 10.The mode of communication between Mentor and Mentee can be established through different modes i.e. in-Person & Phone.
- 11.The mentors take initiative to arrange remedial and tutorial classes for slow learners. Each mentor maintains comprehensive students database, verified by the HoD and others concerned when necessary.
- 12.Frequent counseling sessions help the students in expressing their opinions and problems with ease. Counseling is done after tests, and after the semester end exam results. Mentor books are updated with their results, achievements, certificates, attendance, scholarships and project details.
- 13.In this new age generation, a student must make a mighty effort to understand the ever changing trends in technology in their fields of study. Mentoring helps the students to identify their lacunae, shortcomings and strive towards improving their overall personality and communication skills.
- 14.Mentoring also helps the mentees to make a choice of a relevant workshops, seminars, additional coaching and value added courses relevant to their specialization.
- 15.Mentoring helps the students to choose a right career option and pursue it with focus and dedication.

Successful outcomes:

Due to effective mentoring practiced by the faculty, there has been a marked improvement in the overall performance of the students.

- In course of the structured direct communication between the mentor and mentee, there is a considerable improvement in the teacher – student relationship.
- Improvement in students' attendance is also achieved.
- The number of irregular students has been decreased.
- The testimony to success reflects in the gradual increase in the pass percentage of students from the year 2014 to 2019.
- Number of students placed in the campus recruitments also indicates the effective functioning of mentorship program.

Problems Encountered and resources required:

Common concerns addressed in counseling

- Lack of prior knowledge of pupil profile
- Anger Management
- Anxiety/ stress Management
- Behavioral /Mood Changes (Depression)
- Relationship issues
- Lack of respect (real or perceived)
- Deficit in commitment to time and effort
- Lack of emotional connect
- Mentor's short of experience
- Mentee's poor time management and follow up
- Inappropriate behavior based on sexism, racism, or other biases
- Conflicts between mentor and mentee

Resources required for mentoring

- Adequate supply of attendance sheets for follow up.
- Availability of mobile phones to establish the contact with the parents.
- Designed and printed books available for recording mentoring details.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

GIST identified as remote center of IIT Mumbai, for the NMEICT project of MHRD, Govt. of India.

The vision of Geethanjali Institute of Science and Technology, is to emerge as a leading Engineering institution imparting quality education. Based on the vision, the institute provides the most creative teaching learning methodologies for engineering aspirants.

The distinctiveness of Geethanjali lies in imparting high quality expert training to the faculty through purposeful interaction with premier technical institutions such as IIT Bombay and IIT Kharagpur facilitating exchange of innovative ideas and knowledge transfer for the benefit of engineering aspirants of the institution.

Geethanjali Institute of Science and Technology enjoys the unique distinction of being the one and only institution in Nellore district to be identified as a Remote Centre of IIT Bombay since July 2013 for conducting mega-workshops and to train number of teachers. This academic and professional tie up with Mumbai IIT enabled the institution to conduct 18 faculty development programmes <http://gist.edu.in/gist/gist-as-remote-center-of-iitbombay/> for upgrading and enhancing the technical proficiency and expertise of the faculty. These workshops were conducted in the distance mode, using A-VIEW software and Internet, as part of the National Mission on Education through ICT (MHRD, Govt. of India).

In the academic year 2018-19 three programmes were arranged and the 128 faculty benefitted.

In the academic year 2017-18 four programmes were organized with the grant of 1,74,232/- and 150 faculty benefitted.

In the academic year 2016-17 two programmes were organized with the grant of 2,38,051/- and 69 faculty benefitted.

In the academic year 2015-16 three programmes were organized with the grant of 3,07,465/- and 100 faculty benefitted.

In the academic year 2014-15 six programmes were organized with the grant of 8,97,065/- and 273 faculty benefitted.

The knowledge transferred and exchange of innovative ideas with IIT experts will result in the enhancement of the academic and professional quality of the faculty paving the way for the better adoption of more effective application oriented teaching methodologies for the benefit of engineering aspirants.

A Remote Centre acts as the intermediary between IIT Bombay and the participating teachers during the workshop. It is a reputed engineering college, with high academic standards, excellent infrastructure and good faculty with expertise and experience of handling workshop subjects, to guide the participants in Lab

work. A Remote Centre (RC) is a place from where the participants/people can interact with the instructor (faculty at IIT) from IIT Bombay. The live lectures are transmitted at Remote Centres using A-VIEW software.

Highly benefitted programmes to the faculty members:

- Pedagogy for online and blended learning process by professor Deepak and Prof. Phatak organized from 14-9-2017 to 30-10-2017 to the ECE department

Reasons For GIST Being Selected As A Remote Centre Of IIT Bombay:-

- The Remote Centre (RC) GIST is a reputed engineering college with good facility and infrastructure.
- GIST acts as a host for the virtual classroom environment created by A-VIEW.
- The participant can attend the workshop in a RC close to his/her place. The RC minimizes the logistics of travel, boarding and lodging.
- GIST is centrally located with a number of engineering colleges in the area, so as to attract a large number of participants.
- GIST has a well equipped classroom and labs with broadband internet connection, for a minimum of 50 participants.
- Backup of internet at venue if main internet connectivity fails due to any issue.
- The classroom and labs are equipped with overhead projector with minimum 12×9 feet screen.
- The venue on where workshop will be conducted is equipped with professional audio system Highly benefitted programmes

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5. CONCLUSION

Additional Information :

Geethanjali Institute of Science and Technology would like to highlight about the features of excellence and achievements in higher education since its inception.

The institute has setup full fledged laboratories, well equipped class rooms, seminar halls, Central Library, Auditorium, Computer centres and common facilities with a built-up area of 18,200 Sq.M.

The Institution is an active Remote Centre of IIT Mumbai (RC ID : 1294) under NMEICT, MHRD, offering funded FDPs, Online certification programmes through Spoken tutorials in A-VIEW for students since 2010 and awarded with a National level 3 STAR category.

CM Skill Excellence Centre is established in 2018 with collaborative support and funding by APSSDC to a tune of Rs. 15 Lakhs.

The Institution is an authorised TCS-ion Online Exam centre for conducting various online examinations of repute like JEE, GATE, CAT, IBPS etc.,

Professional Student Chapters like ISTE/CSI/IEEE/IETE/IE were established in the Institution

The Institution is recognized by UGC under section 2(f) & 12(B) of UGC Act 1956.

The Institution is a Certified ISO:9001:2015 organisation.

Having 145 well qualified, experienced faculty members, of which 29 faculty members have Ph.D. degree and 22 faculty members are pursuing Doctoral programmes from various reputed Universities. The faculty members have published over 600 technical papers during last 9 years in reputed journals and conference proceedings.

The students of our Institution received University Gold medal for ECE in the year 2017 and received two numbers of AP State Govt. Prathibha Awards during 2017.

The Institution is offering Consultancy services in material testing, Concrete and soil testing to various Govt. Organisations and agencies.

Received awards from Indian Red Cross for organising various Blood donation camps in through NSS

Various cells / committees such as Internal Quality Assurance Cell (IQAC), Grievance Redressal Committee, Anti Ragging Committee, ICC, Student Mentoring, Committee for SC/ST have been constituted.

Prominent personalities are frequently invited to boost the morale of the students and the staff.

Conducting Heartfulness meditation programme for self development for faculty and students in association with Sri Ramachandra Mission

In Sports and Extra Curricular activities the students have excelled in South Zone inter University events.

Concluding Remarks :

GIST is a permanently affiliated Institution of JNTUA and it has a well defined holistic growth

Approach to fulfil its Vision and Mission

GIST is a preferred Institution for all aspiring students as it maintains and ensures quality education, good infrastructure facilities, best academic ambience through robust teaching-learning practices and good employability skill enhancement to the potential students.

By adopting and practicing best practices like Outcome Based Education, CRT, Curricular, Co-curricular and Extra Curricular activities, FDPs, implementation of welfare schemes to staff and students and committed to social service and responsibilities the Institution is constantly striving to meet the aspirations of all the stake holders.

We constantly keep creating new avenues and opportunities for our learners beyond the prescribed curriculum of affiliating University, JNTUA.

We have taken various initiatives to address the diverse needs of the learners, thus enabling them to tackle bigger challenges and utilise their learning towards betterment of the society. The achievements of our students, faculty and alumni indicate that we are quality conscious and progressing in the right direction.

As per NAAC guidelines, we have completed the first step of Assessment and Accreditation. The Institutional Information for Quality Assessment (IIQA) is approved on 13/12/2019 with Track Id-APCOGN103482.

It gives us immense pleasure to submit the Self Study Report (SSR) of our Institution to NAAC, Bangalore for the first cycle of accreditation. The report contains true and genuine information on various parameters and is prepared as per the guidelines laid down by NAAC.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.3	<p>Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years</p> <p>1.2.3.1. Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>1876</td> <td>1542</td> <td>602</td> <td>402</td> <td>19</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>1876</td> <td>1542</td> <td>301</td> <td>302</td> <td>19</td> </tr> </tbody> </table> <p>Remark : DVV has made the changes as per pro-rata bases on provided certificates by HEI. Certificates of Chennareddy Durga Harika for 2015-16 , Akki Mounika, Yallanti Susmitha for 2016-17 not provided by HEI.</p>	2018-19	2017-18	2016-17	2015-16	2014-15	1876	1542	602	402	19	2018-19	2017-18	2016-17	2015-16	2014-15	1876	1542	301	302	19
2018-19	2017-18	2016-17	2015-16	2014-15																	
1876	1542	602	402	19																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
1876	1542	301	302	19																	
1.3.2	<p>Number of value added courses imparting transferable and life skills offered during the last five years</p> <p>1.3.2.1. Number of value-added courses imparting transferable and life skills offered during the last five years</p> <p>Answer before DVV Verification : 77</p> <p>Answer after DVV Verification: 28</p> <p>Remark : DVV has counted one value-added course once for a five year.</p>																				
1.3.3	<p>Percentage of students undertaking field projects / internships</p> <p>1.3.3.1. Number of students undertaking field projects or internships</p> <p>Answer before DVV Verification : 827</p> <p>Answer after DVV Verification: 20</p> <p>Remark : As per the document provided by HEI</p>																				
1.4.2	<p>Feedback processes of the institution may be classified as follows:</p> <p>Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website</p> <p>Answer After DVV Verification: E. Feedback not collected</p> <p>Remark : HEI has not uploaded any filled feedback forms from the stakeholders.</p>																				

2.1.2	<p>Average Enrollment percentage</p> <p>(Average of last five years)</p> <p>2.1.2.1. Number of students admitted year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 389 1046 524"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>552</td> <td>554</td> <td>575</td> <td>574</td> <td>421</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 602 1046 736"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>558</td> <td>554</td> <td>575</td> <td>574</td> <td>421</td> </tr> </tbody> </table> <p>2.1.2.2. Number of sanctioned seats year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 815 1046 949"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>558</td> <td>576</td> <td>576</td> <td>576</td> <td>576</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 1028 1046 1162"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>558</td> <td>576</td> <td>576</td> <td>576</td> <td>576</td> </tr> </tbody> </table> <p>Remark : DVV has made the changes as per provided report of sanction intake by HEI.</p>	2018-19	2017-18	2016-17	2015-16	2014-15	552	554	575	574	421	2018-19	2017-18	2016-17	2015-16	2014-15	558	554	575	574	421	2018-19	2017-18	2016-17	2015-16	2014-15	558	576	576	576	576	2018-19	2017-18	2016-17	2015-16	2014-15	558	576	576	576	576
2018-19	2017-18	2016-17	2015-16	2014-15																																					
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558	576	576	576	576																																					
2.1.3	<p>Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years</p> <p>2.1.3.1. Number of actual students admitted from the reserved categories year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="306 1520 1046 1655"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>189</td> <td>189</td> <td>189</td> <td>189</td> <td>108</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 1733 1046 1868"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>152</td> <td>153</td> <td>155</td> <td>162</td> <td>108</td> </tr> </tbody> </table> <p>Remark : DVV has made the changes by looking at seats earmarked against admitted reserved categories students.</p>	2018-19	2017-18	2016-17	2015-16	2014-15	189	189	189	189	108	2018-19	2017-18	2016-17	2015-16	2014-15	152	153	155	162	108																				
2018-19	2017-18	2016-17	2015-16	2014-15																																					
189	189	189	189	108																																					
2018-19	2017-18	2016-17	2015-16	2014-15																																					
152	153	155	162	108																																					
2.3.3	Ratio of students to mentor for academic and stress related issues																																								

	<p>2.3.3.1. Number of mentors Answer before DVV Verification : 125 Answer after DVV Verification: 124</p>																				
2.4.4	<p>Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years</p> <p>2.4.4.1. Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years Answer before DVV Verification:</p> <table border="1" data-bbox="308 551 1046 685"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>13</td> <td>11</td> <td>1</td> <td>4</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 763 1046 898"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>0</td> <td>0</td> <td>1</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	9	13	11	1	4	2018-19	2017-18	2016-17	2015-16	2014-15	1	2	0	0	1
2018-19	2017-18	2016-17	2015-16	2014-15																	
9	13	11	1	4																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
1	2	0	0	1																	
3.1.3	<p>Number of research projects per teacher funded, by government and non-government agencies, during the last five year</p> <p>3.1.3.1. Number of research projects funded by government and non-government agencies during the last five years Answer before DVV Verification : 0 Answer after DVV Verification: 0</p> <p>3.1.3.2. Number of full time teachers worked in the institution during the last 5 years Answer before DVV Verification : 634 Answer after DVV Verification: 145</p> <p>Remark : DVV has made the changes as per provided full time teachers list by HEI.</p>																				
3.3.3	<p>Number of Ph.D.s awarded per teacher during the last five years</p> <p>3.3.3.1. How many Ph.Ds awarded within last five years Answer before DVV Verification : 0 Answer after DVV Verification: 0</p> <p>3.3.3.2. Number of teachers recognized as guides during the last five years Answer before DVV Verification : 4 Answer after DVV Verification: 1</p> <p>Remark : E-copies of letters of Dr.N. Revathi ,Dr.P.Mohana Kishore , Dr. Sk. Mahaboob Basha not provided by HEI. DVV has not consider list of research guide.</p>																				
3.3.4	<p>Number of research papers per teacher in the Journals notified on UGC website during the last five years</p>																				

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
85	99	108	103	89

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
85	96	108	100	86

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

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
12	36	29	15	18

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
3	5	9	13	10

Remark : Asked E-copies of outer jacket/contents page of the books and chapters for 2014-15 , 2015-16 , 2016-17 , 2017-18 , 2018-19 not provided by HEI. We made the changes as per ISBN Search and outer cover page of Books and chapters provided by HEI.

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

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
3	1	2	0	1

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
1	0	0	0	0

Remark : DVV has not consider letter of contribution for 2018-19 and Provided photo has not reflect any award.

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

3.4.3.1. Number of extension and outreach Programs 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 before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
7	12	11	9	12

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
4	7	10	8	11

Remark : DVV has made the changes as per pro-rata bases on provided report by HEI. Report of Dental Camp for 2017-18 , Tree Plantation for 2018-19 not provided by HEI.

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

3.4.4.1. Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
1625	1660	1479	1380	1310

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
1315	1050	1484	780	705

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

3.5.1.1. Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer before DVV Verification:

--	--	--	--	--

2018-19	2017-18	2016-17	2015-16	2014-15
36	33	14	5	1

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
35	31	014	3	1

Remark : Linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, are only considered.

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

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 (only functional MoUs with ongoing activities to be considered)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
11	8	7	2	3

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
11	8	7	2	3

4.2.3 Does the institution have the following:

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases

Answer before DVV Verification : A. Any 4 of the above

Answer After DVV Verification: C. Any 2 of the above

Remark : DVV has made the changes as per invoice of delnet for 2018-19 by HEI. DVV has not consider invoice for 2016-17.

4.2.6	<p>Percentage per day usage of library by teachers and students</p> <p>4.2.6.1. Average number of teachers and students using library per day over last one year Answer before DVV Verification : 508 Answer after DVV Verification: 194</p> <p>Remark : DVV has made the changes as per average of teacher and students using library per day on 11/12/2018 , 12/12/2018 , 13/12/2018 , 14/12/2018 and 15/12/2018.</p>																				
4.4.1	<p>Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years</p> <p>4.4.1.1. Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="308 748 1046 882"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>111.62</td> <td>69.07</td> <td>63.82</td> <td>53.89</td> <td>93.44</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 960 1046 1095"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>111.62</td> <td>69.07</td> <td>63.82</td> <td>53.89</td> <td>93.44</td> </tr> </tbody> </table> <p>Remark : As per the documents provided by HEI</p>	2018-19	2017-18	2016-17	2015-16	2014-15	111.62	69.07	63.82	53.89	93.44	2018-19	2017-18	2016-17	2015-16	2014-15	111.62	69.07	63.82	53.89	93.44
2018-19	2017-18	2016-17	2015-16	2014-15																	
111.62	69.07	63.82	53.89	93.44																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
111.62	69.07	63.82	53.89	93.44																	
5.1.3	<p>Number of capability enhancement and development schemes –</p> <ol style="list-style-type: none"> 1. For competitive examinations 2. Career counselling 3. Soft skill development 4. Remedial coaching 5. Language lab 6. Bridge courses 7. Yoga and meditation 8. Personal Counselling <p>Answer before DVV Verification : A. 7 or more of the above Answer After DVV Verification: D. Any 4 of the above</p>																				

Remark : In Some of the reports only dates are mentioned and not the year.

5.2.2 Percentage of student progression to higher education (previous graduating batch)

5.2.2.1. Number of outgoing students progressing to higher education

Answer before DVV Verification : 74

Answer after DVV Verification: 08

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

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
15	11	10	4	13

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
13	01	00	00	01

Remark : DVV has not consider award received from inter college and inter university. Provided documents are in regional language.

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

5.3.3.1. Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
41	42	39	40	40

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
1	2	2	1	2

Remark : As per the documents provided by HEI

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development

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

Answer before DVV Verification : A. All 5 of the above
 Answer After DVV Verification: C. Any 3 of the above
 Remark : As per the documents provided by HEI

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

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 before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
49	48	38	27	31

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
33	31	24	18	15

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

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
13	19	11	14	17

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
8	11	5	7	6

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

6.3.4.1. Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
65	68	87	68	62

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
36	08	25	16	31

Remark : DVV has not consider workshops programs and DVV has not consider those teacher who has participated in lees than five days programs.

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

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
0	25	0	0	0

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
4.22	5.69	4.39	13.93	19.13

Remark : DVV has made the changes as per list of fund Grants received from non-government bodies, individuals, philanthropists provided by HEI. DVV has not consider TATA consultancy service.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

6.5.3.1. Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
16	8	13	7	7

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
15	8	13	7	7

7.1.1 Number of gender equity promotion programs organized by the institution during the last five

years

7.1.1.1. Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
7	3	4	4	2

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
7	3	3	3	2

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

7.1.8.1. Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
6.48	6.06	7.64	8.26	5.41

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0.16	0.53	0.79	0.30	0.86

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years 7.1.10.1. Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
4	4	3	2	2

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

Remark : Provided report of NSS activities not considered.

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

7.1.11.1. Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
6	2	2	3	2

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
2	3	2	4	4

7.1.17

Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

7.1.17.1. Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
12	10	9	6	4

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
8	8	3	5	3

Remark : DVV has made the changes as per report of National Yoga Day for 2017-18 and Report of Mass National Anthem for 2016-17, Birth Day of Abdul Kalam for 2015-16 not provide by HEI.

2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of students year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>2089</td> <td>1968</td> <td>1879</td> <td>1785</td> <td>1581</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> <th>2014-15</th> </tr> </thead> <tbody> <tr> <td>485</td> <td>492</td> <td>506</td> <td>520</td> <td>364</td> </tr> </tbody> </table>	2018-19	2017-18	2016-17	2015-16	2014-15	2089	1968	1879	1785	1581	2018-19	2017-18	2016-17	2015-16	2014-15	485	492	506	520	364
2018-19	2017-18	2016-17	2015-16	2014-15																	
2089	1968	1879	1785	1581																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
485	492	506	520	364																	

1.2 Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
189	189	189	189	189

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
279	279	279	279	279

1.3 Number of outgoing / final year students year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
512	371	401	423	308

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
520	389	507	422	446