YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	**Gates Institute of Technology**
• Name of the Head of the institution	**Dr. Syed Suraya**
• Designation	**Principal**
• Does the institution function from its own campus?	**Yes**
• Phone no./Alternate phone no.	**08552252444**
• Mobile no	**9490082001**
• Registered e-mail	**principal@gatesit.ac.in**
• Alternate e-mail	**iqac@gatesit.ac.in**
• Address	**NH 44, Gootyananthapuram Village, Gooty, Ananthapuramu Dist. Andhra Pradesh PIN 515401**
• City/Town	**Gooty**
• State/UT	**Andhra Pradesh**
• Pin Code	**515401**
2.Institutional status	
• Affiliated /Constituent	**Affiliated**
• Type of Institution	**Co-education**
• Location	**Rural**

• Financial Status	Self-financing
• Name of the Affiliating University	JNTUA,Ananthapuramu
• Name of the IQAC Coordinator	K Ramesh
• Phone No.	08552252444
• Alternate phone No.	8333987205
• Mobile	8333987206
• IQAC e-mail address	iqac@gatesit.ac.in
• Alternate Email address	info@gatesit.ac.in
3.Website address (Web link of the AQAR (Previous Academic Year)	https://gatesit.ac.in/iqac/
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://gatesit.ac.in/wp-content/uploads/2023/08/B.Tech-I-Year-I-II-semesters-Academic-Calendar-for-AY-2022-23.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.18	2022	16/08/2022	15/08/2027

6.Date of Establishment of IQAC	12/02/2014

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
AICTE	SPICES	AICTE	2023	100000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
• Upload latest notification of formation of IQAC	View File	

9.No. of IQAC meetings held during the year	**3**	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	**Yes**	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**	
• If yes, mention the amount		

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

1. Faculty induction program. 2. Internal audit 3. Addressing fear factor and improving self confidence in student community 4. Backlog reduction program 5. Presentation of Synopsis

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

Plan of Action	Achievements/Outcomes
Conduction of certification courses to the students	**All departments conducted certification courses to the students**
Encourages the students to participate in Inter college events and win prizes	**Students participated in Inter college events and won prizes**

13.Whether the AQAR was placed before statutory body?	**No**
• Name of the statutory body	

Name	Date of meeting(s)
College Academic C	**Nil**

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022	17/01/2023

15.Multidisciplinary / interdisciplinary

A key pillar of the National Education Policy (NEP 2020) is liberal ("holistic and multidisciplinary") education, which sensitizes students to the fundamentally interconnected nature of all human knowledge, enquiry and curiosity. The multi-disciplinary education puts forth three principal arguments. They are: 1. NEP should ensure holistic mental development associated with multiple disciplinary ways of thinking. In other words, the system should be aimed at (a) Creative/artistic ways of thinking by right brain and (b) Analytic ways of thinking by left brain. A mix of subjects from science and technology to humanities and social sciences, for example, with a creative combination of subjects, choosing subjects from sciences and humanities with the ability also learn fine arts and sports will give students a wide ranging choices without restrictions. 2. New knowledge and new insights have developed at the boundaries of disciplines according to The Kothari Commission Report (1964) 3. For graduates facing a world with pandemics, climate change, and disruptive technologies such as AI (artificial intelligence), block chain and crypto-currency, liberal education provides a combination of transferable and uniquely human skills, enabling them to adapt to challenging work environments. Failure to adapt could result, in the "obsolescence of people", leading to a "useless class" of people. Every year, the institution conducts an inter-departmental symposium known as 'Shodhana' where there are parallel sessions of paper presentations are in progress. Students and faculty are encouraged to chose and attend one or more sessions of their interest. We have organized an event in which our students from different departments collaboratively worked. IOT hackathon (for 18 hrs with Florida Atlantic University 20 & 21 Feb 2019) in which ECE, CSE & EEE department students collaborated and presented their models. Thus the students are geared up to meet inter-departmental and multidisciplinary challenges. Education has to develop into a system of practical assessment and evaluation to outgrow traditional approach and rote learning, suggest experts. What is now a system of evaluating students based on textbook learning alone should develop to include dynamic and research-based learning assessment, encouraging problem solving and other critical skills. This is how our current educational system can incorporate multidisciplinary learning. Importance should be given in the educational curriculum

to skills like dynamic learning, problem solving, critical thinking, logical development and analytical learning through practical situations. This will help in promoting a well-rounded growth of students. Some of the activities already in practice in this Institution towards this goal are as given below: 1. Collaboration partner with Village Energy, RDT, AP State Government and Austrian Government in implementing patented micro-grid technology. 2. Collaboration with 3D max/Dassault Systems in developing community projects. 3. Out-of-the- box ideas, 'Idea Lab' to promote students to come up with out-of-the-box ideas and present them at regular intervals to the entire Institution.

16.Academic bank of credits (ABC):

Academic Bank of credits (ABC) is one of the provisions of NEP 2020 to facilitate the students to exit a course and enter within a stipulated period. It aims to create a national-level facility to provide flexibility of curriculum framework and interdisciplinary or multi-disciplinary academic mobility of students across higher education institutions with appropriate credit transfer mechanisms stored in a 'Bank' promoted by a National level repository. Academic Bank of Credits shall provide to every student the facility to open unique or individual Academic Bank Account in digital form; and the account holder shall be provided with a unique ID and access to the Standard Operating Procedure (SOP). ABC allows students to earn credits from various higher educational institutes registered under this scheme and through SWAYAM, an online repository of courses. The student can earn up to 50 per cent credits from outside the college/university where she/he is enrolled for the degree/diploma programme. Courses undergone by the students through the online modes through National Schemes like SWAYAM, NPTEL, V-Lab etc. or of any specified university, shall also be considered for credit transfer and credit accumulation. • To support the initiative of ABC, some of the best practices followed by the Institution and some of the standard operating procedures already in place. One such example is: digitization and storage of all information related to the students and their academic and extracurricular activities such as their attendance, examination credits, internal assessments and their participation in events of other Institutions and achievements in a relational database. One of the challenges faced by the institution is that this being an affiliated institution, there exists a lack of flexibility in designing curricula that fit our student needs.

17.Skill development:

Our institute is affiliated to JNTU, Ananthapuramu and it has to

adhere the curriculum designed by it. JNTU has incorporated skill development courses in all programs. They can also have an option to choose a certificate course offered by APSSDC/TCSION/SIEMENS. Apart from these, the institute offers skill development programs in collaboration with Florida Atlantic University, Village Energy, Australia, Palani systems, Reference globe, Coherendz, CII, Atal Incubation center, COCUBES etc.,. Many of these companies visit our campus regularly and conduct both offline and online courses on different emerging technologies and enrich our student skill set. The third and fourth year engineering and management students are advised to undergo internships to enhance practical knowledge and gain hands-on experience. There will be a project work in the final semester engineering and management program which will provide them a birds-eye view on the respective topic. The above initiatives help the student to perform well in the job interview.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

In our institute measures are taken to integrate the Indian knowledge system into our pedagogy. Indian knowledge systems, including tribal knowledge and indigenous and traditional ways of learning, will be covered and included in mathematics, architecture, engineering, linguistics, sports, games, as well as in governance, polity, conservation. During remedial classes, technical and difficult subjects were thought in the native language so that, the students can understand the concepts well. Our institute believes in the notion that cultural awareness and expression are among the major competencies considered important to develop in children, in order to provide them with a sense of identity, belonging, as well as an appreciation of other cultures and identities. It is through the development of a strong sense and knowledge of their own cultural history, arts, languages, and traditions that children can build a positive cultural identity and self-esteem. Apart from these, we organize the events like Sankranti (festival of harvest), Rakshabandhan, Rangoli, and Mehndi competitions to promote cultural awareness among the students. As per the R-17 and R-21 regulation of MBA Program of the affiliating university it is mandatory to complete Massive Open Online Course (MOOCs) in III Semester which will help the students to explore their knowledge in emerging trends. Students complete online certifications from TCS ION and other resource providers on emerging technologies and on advanced concepts in the respective core areas.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

For the implementation of OBE, the initial phase is to design the

curriculum, the types of courses, the number of electives, and the structure of curricular, with overall details like the title of the course and contents of the course according to the regulations. The Course Outcomes (COs) of every course are mapped with the Program Outcomes (POs) of the NBA and the Program Specific Outcomes (PSOs) of the program in the next phase. Effective implementation of this Outcome-Based Education (OBE) ensures that our graduating engineers acquire all the 12 POs defined by the NBA and hence can compete on a global platform and attain expected global attributes. Through the stakeholder's feedback, three Program Educational Objectives (PEOs) specific to every program are measured. The institute avidly observes the attainment of POs and PSOs for the respective programs associated to the Vision and Mission of the departments.

20.Distance education/online education:

Digitization has changed the face of Indian education and it has gained importance during pandemics, new trends have taken their way in education to inculcate advanced learning techniques. It resulted in the enhancement of knowledge and performance of the students. Elearning is vast. During the covid-19, the institute faculty has successfully delivered lectures on the online platform, conducted online tests, and guided the students to complete their academic tasks. The project was also guided, evaluated, and conducted in the virtual platform only. The online mode is extensively used to conduct FDPs, Seminars, Guest lectures, and webinars during the lockdown. The institute has put up genuine efforts to include the self-learning process by making students to undertake MOOC courses offered by NPTEL under the SWAYAM, COURSE ERA. The main intention of the institute in introducing E-Journals and E-books is to inculcate a habit of e-learning and self-learning among the students.

Extended Profile

1.Programme

1.1 **10**

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 **2386**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 **420**

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 **449**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 **161**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 **150**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**10**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**2386**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**420**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**449**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**161**

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	**150**

File Description	Documents
Data Template	View File

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**58**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**624.32498**
4.3 Total number of computers on campus for academic purposes	**745**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

GATES Institute of Technology is affiliated with Jawaharlal Nehru Technological University, Ananthapuramu, and follows the university's curriculum. The college adheres to the JNTU's academic calendar.

The students at GATES Institute of Technology begin their journey with the institute by participating in an orientation programme that prepares them to begin their four-year journey with enthusiasm and knowledge.

The departments hold various committees consisting of stakeholders. The feedback provided by them are taken into consideration when setting targets.

An effective and active plan for timely implementation is formulated by the institution to ensure effective delivery.

Faculty members are encouraged to prepare an elaborate lesson plan, “synopsis”, for their classroom teachings of the entire year even before the academic year commences.

Following subject allocation, the subject faculty prepares course files, presentations, and laboratory manuals for effective curriculum implementation.

Periodical feedback is obtained from the students and the staff. Through these methods of planning and implementation, effective delivery is ensured and documented digitally through the online automation system of the college.

To effectively deliver the curriculum, industrial visits, expert lectures, workshops, on-site trainings, and additional value-added courses such as social values and ethics are all used.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	**Nil**

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The Jawaharlal Nehru Technological University, Ananthapuramu provides the academic calendar well in advance for each academic year which consists of instructions regarding the

commencement of academic activities, conduct of midterm examinations, external practical examinations, final examination of the semester and also an academic calendar of the next semester. Based on the academic calendar issued by JNTU, the academic committee of the institute sets up a calendar of events under IQAC along with the senior faculty and HODs of concerned departments at the institutional level by strictly abiding the instructions provided in the academic calendar of the University. The components of the academic calendar are:

(1) Internal examinations,

(2) External examinations,

(3) Slip tests,

(4) Workshops,

(5) Guest lectures,

(6) Cultural events,

(7) Regular class time tables,

(8) Lab time tables,

(9) Industrial visits

(10) Games & Sports

It also provides a complete schedule for conduct of internal and external exams for both theory and practical after the due process of proper planning and forwards to the examination section after approval by IQAC. There shall be two internal and one external exam subject-wise for each semester. After thorough analysis of first internal exam results, slow and advanced learners are identified.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

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

18

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

18

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1604

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The following initiatives are being carried out to guarantee comprehensive development.

To be India's premier educational institution, we strive to provide the best teaching and learning environment for our students, allowing them to develop into characterized individuals with professional competence, ethical standards, a human touch, a service motto, and a strong sense of personal responsibility for the environment and society at large. Gates Institute of Technology aims at encouraging the great desires, discipline and overall excellence in the students and strives to develop them as highly professional engineers with conceptual knowledge through serene study atmosphere and quality technical education.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

6

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

900

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://gatesit.ac.in/mandatory-disclosures/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	View File

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

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://docs.google.com/forms/d/e/1FAIpQLScDsrYtsVqUyucFmsHT4DpVhIKTObiTqIFElFEGS-pHHd2ovg/viewform

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

645

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

420

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Understanding the unique needs of every student, the institution

facilitates special learning, based on the academic capabilities of each student by fairly analysing their learning methods post admission. The institution identifies these students into two broad categories and devises special methods to derive maximum outcome from each group.

For advanced learners: Advanced learners are identified based on the assessments by individual teachers, previous academic credentials and personal interviews. The classroom performance of each student is then individually noted to assess their capabilities through a wide spectrum of tests, quizzes and group discussion. Through this process, the faculty accurately identifies the advanced learners.

For slow learners, remedial classes are conducted in every subject to improve their grasping abilities and improve their academic performance, and involvement in class activities.

Remedial classes are arranged after college hours to help these students clear their backlogs without any difficulty. Apart from academics, student achievers from different fields are also encouraged. Additional coaching classes are conducted for slow learners to compete with advanced learners.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

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

Number of Students	Number of Teachers
2386	**161**

File Description	Documents
Any additional information	View File

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

The institute attempts to use a 360-degree approach so as to make students learn effectively. The institute provide required physical infrastructure, academic resources through the library, laboratories, R &D centre, Idea lab, training and placement department and Entrepreneurship Development Cell. To build in the experience of practicality students shall be made to undergo internship to get first-hand experience of an organization. The students are also provided the experience of industry practices through industry visits pertaining to their specific discipline of the study. As a part of the final year curriculum the students have to undertake a project, identify a problem and work on it as a group. This exercise enables students to understand the latest developments pertaining to a particular area there by enhancing their understanding and academic learning. Mini projects are given to learn and implementation of theoretical knowledge into the practical application. Laboratory sessions are conducted regularly to sharpen the practical knowledge. Every department is having departmental forums/associations for conducting co-curricular activities. Participation and active involvement of students takes place in many committees, clubs and associations. Various clubs and associations conduct paper presentation, poster presentations, and quiz competitions for all the students.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://gatesit.ac.in/tp-events-and-activities/

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the institute to provide e-learning atmosphere in the classroom.

1. In addition to chalk and talk method of teaching, the faculty members are using the IT enabled learning tools such as PPT, Video clippings, Audio system, online sources, to expose

the students for advanced knowledge and practical learning.

2. Classrooms are fully furnished with OHP/Computers.

3. All the faculty use interactive methods for teaching. The major emphasis is on classroom interaction in terms of research paper presentations, seminars, debates, group discussions,

assignments, quiz/tests/viva and laboratory work. Institute premises are Wi-Fi enabled

Specialized computer laboratory with an internet connection has been provided to promote independent learning. MAC-ID based Wi- Fi facility for access of internet is provided on individual laptop and mobile devices.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

161

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

161

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

21

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

751

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The formal assessment slot for the internal evaluation for every semester is furnished by the university and we have to meticulously plan and conduct internal assessment of the student's learning using assignments, objective assessments and subjective assessment tests.

Upon the completion of the tests, the prepared solution key along with the validated answer script is given to the student and the students are explained not only the marking scheme and

also the incompleteness/efficiency/incorrectness in writing the answers. This makes the students to know their academic performance in comparison to the entire class in a very

transparent manner. The objections/grievances if any raised by the students are attended to and their grievances are addressed comprehensively. After this only the score/marks are finalized.

After this the finalized marks and answer scripts are reverified for their correctness by the concerned head of the department along with another senior staff member. This exercise would take out any human errors if present.

All these official records of internal marks shall be sent to the university at the end of each semester. As the procedure followed being systematic it is very transparent and robust

File Description	Documents
Any additional information	View File
Link for additional information	https://gatesit.ac.in/wp-content/uploads/2021/09/II-B.Tech_.-Computer-Science-Engineering-R20-Course-Structure-Syllabi-1.pdf

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

As prescribed by the university two types of assessment and valuation is to be followed by the institute i.e. internal assessment and external assessment. The internal assessment is to be carried out by the institute and this has to be conducted in the stipulated time slot allotted by the university. For conduct of the internal assessment a committee with a senior faculty member from each of the department is constituted and this Examination committee (headed by the principal) does the following

activities.

1. Planning to conduct the examinations

2. Conduct of the examinations of the departments

3. Coordinating with the departments to set internal question papers and the timely valuation of the answer scripts and maintains the custody of the answer scripts and keeps custody

of the same.

4. To handle the student indiscipline during the conduct of the examinations either theory or practical

5. To monitor the exam or assessment-related grievance.

File Description	Documents
Any additional information	View File
Link for additional information	https://docs.google.com/forms/d/e/1FAIpQLSfCQPAF95RAed50gvu326iI2EeA_zsAN9eSF-WQjc5HGz8Xwg/viewform

2.6 - Student Performance and Learning Outcomes

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

As the institute is affiliated, our affiliating university JNTUA explicitly provides categories / divisions and components of each of the course that is being offered both at the UG and PG programs. The process of defining and arriving at the specific Course Outcomes involves a course coordinator and the concerned faculty member.

The synopsis prepared at the beginning of the academic year for every subject clearly specifies Course outcomes. The preparation of synopsis is mandatory for every subject being offered and it also includes detailed contents of the syllabus, sources of the course material, suggested reading including NPTEL videos along with the Course Outcomes. The academic session for every course begins with the distribution of the copy of the synopsis for every student for every course (both soft and hard copies). The first two hours of every time tabled class of every subject will have a

comprehensive discussion of the course outcome as mentioned in the synopsis. All the Course Outcomes for all the courses offered are enclosed as attachment.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://gatesit.ac.in/cse-vision-and-mission/
Upload COs for all Programmes (exemplars from Glossary)	View File

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

1.The Course Instructor assesses the COs which contribute to POs to be submitted with analysis to the Program coordinator

2.Verify with each PO, define performance indicators and their targets

3.Identify/select a course that contributes to attaining the PO with appropriate weightage

4.The Program coordinator collects the qualitative and quantitative data of COs and the same is used in the assessment.

5.The committee analyses the collected data. If the assessment meets the targets, the outcome is meant to be achieved.

The Tools used to attainment of POs are:

1. Direct Assessment: 70%

2. Indirect Assessment: 30%

Direct assessment tools:

The following are the direct assessment tools used for evaluation during the Programme:

Continuous Internal Evaluation (CIE):

Total internal weightage for theory courses is 30 marks, with the following distribution.

30 marks for mid-term tests

Indirect assessment tools:

Course Exit Survey (CES)

10 % CES will be taken for attainment of PO.

Junior Alumni Survey (JAS)

10 % JAS will be taken for attainment of PO.

Graduate Exit Survey (GES)

10 % GES will be taken for attainment of PO.

Indirect assessment = CES (10 %) + JAS (10%) + GES (10%) = 30%

PO attainment = Direct (70%) + Indirect (30%) =100%

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

438

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://www.gatesit.ac.in/AQAR/Student%20Satisfaction%20Survey.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

100000

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

3.1.2.1 - Number of teachers recognized as research guides

7

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

As a first step the faculty members are encouraged through incentives to present the research papers in conferences and also publish papers in refereed journals. Moreover, our faculties members are actively participating in research activities to develop their own technologies. As a part of this our faculty members filed 10 patent applications, out of which two patents are granted by Australian patent office.

In order to impart the institution has tied up and entered an MOU with APSSDC to train the students across all domains of for the present students. To provide platform for such resulting

innovative ideas, the institute has commenced “Idea Club", where in the students across the disciplines present their ideas in an interactive session. This is to give the students a platform for hands on experience to work on their ideas and innovations, facilitating students to convert their ideas into working

prototypes, getting IP rights over their innovations and providing students to present their ideas in Hackathons and promoting students to become entrepreneurs and technology developers.

In order to further encourage the students and utilize the opportunity with project expo which helps students to show case their mini projects and major projects.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/NAAC-PDF/3.2.1.pdf

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

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

25

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

52

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

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

37

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The institute is at the frontage to make the students comprehend the effort they have to play in line with the institute mission statements. As per the directions of Department of Youth Affairs

and Sports, Government of India, and affiliating university the institute has established a NSS unit. The NSS unit has a committed P.O. and Volunteers, and they have been influential in not only sensitizing the students but also inspiring them to extend helping hands in the community around.

The below mentioned activities are carried out by the GATES Institute of technology NSS unit:

Covid-19 Vaccination Drives & Awareness Camps, Distribution of Face masks & Groceries during lockdown in communities around, Distribution of Food kits to migrant labourers, Passengers at Railway stations, Homeless, Orphans during lockdown, Awareness Camps on HIV/AIDS, Beti Bacho-Beti Padho, Awareness Camp on Health, Hygiene and Nutrition for Women and High school girls, Special Camps in adopted village, Blood Grouping & Donation Camps, Awareness Camp on Green Energy, Awareness Camp on Road Safety, Clean India -Say no to Plastic, Awareness camp on Say no to Tobacco.

File Description	Documents
Paste link for additional information	https://gatesit.ac.in/national-service-scheme/
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

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

0

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	**No File Uploaded**

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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., during the year

5

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

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

1105

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

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

13

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

14

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institute has a well-thought-out layout of amenities for academic/curricular, co-curricular and extra-curricular activities.

Most classrooms have an LCD projector to enable teachers and students to use the various electronic teaching/learning materials effectively and optimally.

The institute has a large central data centre with 180 systems with the latest configurations.

All these systems are connected via LAN. The total number of

systems in the institute is 745.

The institute is a Wi-Fi campus with a dedicated bandwidth of 100 MBPS.

The Gates Institute of Technology Central Library supports the Institute's vision and mission by providing maximum access to relevant, authoritative, and scholarly resources for all

members.

In order to meet the needs of students and lecturers, the central library is equipped with around 42,763 volumes and around 5,608 titles covering core subjects as well as general subjects.

The Digital Library has 30 Internet-connected systems for access to various national and international electronic journals and journals.

CDs of textbooks, character development materials and materials provided by AIMA (All India Management Association) and many more are available in the digital library.

The Institute has an auditorium with a capacity for 600 people.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/cse-infrastructure/

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

The institute makes extensive use of SOLAR energy for its academic and non-academic activities, which ensures uninterrupted power supply. For higher requirements, the institute also has a backup generator based on conventional fuels with an output of 100 KVA.

The institute is situated on a huge 25-acre campus and has extensive open spaces for various sports and games. Below are the amenities for indoor and outdoor sports.

Since there is enough space, running events such as 400m, 4x100m relay, 1500m marathon are held regularly. Field events such as

javelin throw, shot put, hurdle race are also held.

An open-air auditorium with a green inner courtyard is also available for various cultural and entertainment activities.

This green courtyard can accommodate almost 1,500 students.

As the institution encourages students in general, various associations and clubs run various programs there so that students of all grades can participate fully in their studies.

This is in addition to the institute annual day celebration where in all such achievers, performers are appreciated and felicitated.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/facilities/

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

59

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/gallery/
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

33.05

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The institute's library has existed since the beginning of the institute in 2001.

The central library is large and has a capacity of 150 places.

The library is divided into Human Resources, Copying Department, Lending Desk, New Arrivals Department, OPAC Search Department and Catalogue Index, Reading Room, Reference Department, Digital Library, Periodicals Department, Project Reports, Bound Volumes, Book and Periodical Processing Department, Book Bank, Teachers' Desk, Newspapers, Periodicals Department and RO -Water, etc. The library also operates a book

bank program for SC/ST students and also the institute book bank program for every student.

More than 43,000 books, newspapers, magazines, bulletins, and national and international news sources are available in the library.

The Institute has a Library Advisory Board, which is chaired by the director, with the librarian acting as secretary and each department's faculty member as a member. The committee will meet once a year makes proposals, looks at the feedback the librarian gets from students and staff, and sends the report to the institute's representatives for them to take action.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://gatesit.ac.in/library/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

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

4.52

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

580

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Since the institute is located in a rural area, from the beginning the institute has focused on upgrading its IT facilities to provide better connectivity to provide better exposure to students and better connectivity to the outside world.

As of now, the institute has 731 computers for academic and administrative purposes, all connected through the institute wide LAN. The institute has also specified the necessary

software for the smooth operation of all computer facilities.

The institute also has 36 highly configured laptops (as part of the CM Skills Centre of Excellence) for students IT training.

The institute has 15 printers, 6 photo copiers and 5 scanners.

The institute will have a dedicated leased line with 30 Mbps bandwidth by 2015, and in order to meet the increasing demands on the Internet connection, the institute will gradually

increase the Internet bandwidth to 100 Mbps through a dedicated leased line from now on upgraded.

The entire academic campus is Wi-Fi enabled.

Each academic department is equipped with LCD projectors and there are 54 LCD projectors with Wi-Fi enabled for communication and administration purposes.

The campus also has extensive CC surveillance to ensure that all academic and non-academic activities on campus are followed.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/facilities/

4.3.2 - Number of Computers

745

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

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

617

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

The following shared facilities are open to all students for efficient use and better maintenance of the physical facilities, there are clearly defined procedures.

Items/equipment may be returned when such an institution-wide inventory is created. Library follows certain protocols when using books.

The institute operates 19 buses to help students and staff travel safely and comfortably from places like Anantapur, Guntakal, Tadipatri, Gooty and Gooty RS.

Hostels for boys and girls The Institute maintains separate hostels for boys and girls.

The boy's hostel is located on campus and has a capacity of 250 students. The girls hostel is located in the town of Gooty, not far from the campus, on a 1-hectare site with green and pleasant facilities. Hygienic and nutritious breakfasts, lunches and dinners are provided daily.

Contact local doctors and hospitals to treat students for medical needs. The university vehicle with driver is available 24 hours a day, 7 days a week to take care of all kinds of emergencies.

Surveillance cameras for student safety.

Facilities for indoor and outdoor games such as table tennis, badminton, basketball, volleyball, cricket are available for students' recreation, as well as a gymnasium.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/transportation/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1620

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

1620

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

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	https://gatesit.ac.in/tp-events-and-activities/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

730

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

730

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

167

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

3

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

6

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

01

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students’ representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Students' participation in various administrative organizations has made them more responsible and deepened their bonds with the GATES institute, resulting in many of students returning to make

contributions to their alma mater. Every year, class representatives will be nominated for each class.

As per the interest of the students stepping up to take an active leadership role, they join different clubs. The main purpose of these clubs is to ensure harmony across an ample, vibrant, and continuous range of campus events and activities in the course of an academic year. The clubs ensure maximum involvement and engagement of all members of the Institute and its respective stakeholder groups. Working on these clubs instils leadership and management skills among students.

The students' associations energetically organize activities for the students by the students. The students' associations conduct several activities such as technical, non-technical competitions, workshops, guest lectures etc. The committees inculcate research attitude among students by organizing events like paper and poster presentations, project competitions and conferences.

File Description	Documents
Paste link for additional information	https://gatesit.ac.in/student-clubs/
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

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

01

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

Under the Societies Registration Act, GATES Institute of Technology has a registered Alumni Association. It was founded on March 5, 2009. The Alumni Association Committee is comprised of staff and student members from each department. GATES is committed to cultivating and sustaining relationships with its alumni. The Alumni Association serves as a conduit for building a connection between the institute's alumni, employees, and students. GATES alumni are currently employed in a variety of capacities around the world, demonstrating their abilities in a variety of fields. Faculty members are in personal touch with

former faculty and alumni to collaborate for conducting faculty development programs and workshops. GATES Facebook page, departments WhatsApp groups, Google-groups accounts, group email IDs etc. are available to connect with the Alumni and conduct the face-to-face Alumni interaction. Alumni association appreciates academic, professional and other achievements of the alumni. Institute has formed a strong alumni database area wise, sector wise and designation wise including distinguished Alumni working in India and abroad

The Alumni Association Contribution through various means: -

Book Donation,

Through Alumni Interaction,

Giving assistance

Placement & Career Guidance.

File Description	Documents
Paste link for additional information	https://alumni.gatesit.ac.in/
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs) **B. 4 Lakhs - 5Lakhs**

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The institute academic and administrative policies, procedures, norms etc. are formed in alignment with Vision of the institute and this exercise is carried out by the governing body. The decisions made were intimated to the head of departments through principal for active implementation.

The response from various stakeholders (like alumni, parents, employer and students) are taken into consideration while formulating the polices by the Governing Body. Based on IQAC recommendations, the institute also has formed fourteen (14) committees for smooth and effective functioning of administration, academics, conduct of examinations, research and development, grievance redressals, counselling of students, anti-ragging, entrepreneurship development, social services, general maintenance, student training and maintenance of infrastructure. It is checked by class teachers and academic counsellors daily. In order to control the ragging, the anti - ragging committee is established by the Institute (by following A.I.C.T.E Guidelines) which actively monitors the anti-ragging activities. Different clubs and associations are constituted with the involvement of faculty and student for conducting academic, non – academic and extra-curricular events for the students. The different clubs and associations groomed the character of the students to make them employable and good professionals.

File Description	Documents
Paste link for additional information	https://gatesit.ac.in/about-vision-and-mission/
Upload any additional information	View File

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

Vision and Mission statements describe the quality policy of the institute in very well manners which are designed by the Top-level administration, the Principal, Vice Principal, HOD and senior Faculty members of the institute. An action plan is prepared collectively by the Principal, Vice Principal and the Head of branches for implementing the quality policy. As per the action strategy, specific roles are allocated to various faculty members. The institution has different working Committees / Sub-Committees to regularly monitor or guide the academic and administrative activities. The committees include of key shareholders including government, administrators, teachers, admin-staff, company, employer, alumni, parents and students.

Principal: -

Quality policy- Planning, deployment and monitoring Conducting Meeting with HOD’s

Department Meets with teaching and non-teaching staff once in a Semester

Monitoring the teaching and learning process

Maintenance of academic performance

Head of the Departments: -

Department meeting

Accomplishment of course work Community activities

Maintenance of the department

Result Analysis & action taken .

File Description	Documents
Paste link for additional information	https://gatesit.ac.in/college-academic-council/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Strategic technique needs to influence the strengths of the GATES Institute of Technology that has developed over the periods and to create upon them and obtain / develop new strengths.

In specific, the Strategic Plan suggests to fostering the large group of teaching staff working on new changing technologies that have the latent to address the social challenges faced in the country today. Tactical Plan recognizes the following extensive targets:

The squad consisting of Principal, HODs and the senior faculties are the major body that develops and implements the policy. To facilitate the planning and deployment, the Internal

Quality Assurance Cell (IQAC) is constituted strictly as per the guidelines of NAAC.

The IQAC periodically meets to discuss & suggests plans/actions for strengthening the below mentioned aspects:

Curricular implementation

The Teaching-Learning and Evaluation process

Research, Innovations & Extension

The Infrastructure & Learning Resources

Student Support & Progression

Governance, Leadership & Management

Institutional Values & Best Practices

The conclusions made on meetings of the IQAC is carefully reviewed and policies are further formulated for corrective actions.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://gatesit.ac.in/wp-content/uploads/2022/02/BEST-PRACTICE1.pdf
Upload any additional information	No File Uploaded

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

Effective administration is very much essential for any organization. For smooth administrative functioning, an organization chart is prepared which is shown in the Institute website. To maintain quality and standards in effective and efficient manner each member of teaching and non-teaching staff follows the practices and mentioned in the administrative manual of the Institute. For the proper functioning of Institute, hierarchy is maintained as per the organization chart and responsibilities are carried out at all the levels.

Management body:

The Management confine to formulated vision, mission and objectives and has healthy surveillance with regard to implementation of the same. Providing adequate financial support as and when needed. Periodic meeting of management with Principal and accordingly meeting of Principal with HODs facilitates smooth day to day functioning of the institution.

Annual meeting of the management with all staff members.

Principal:

Principal of the Institute takes every effort to ensure that the

decisions taken at the top-level percolate to all levels for effective implementation of the same. Principal plays a vital link between the faculty, administrative staff and management. Principal plays a role model for the faculty members in enhancing academic credentials and inculcating total quality management culture among the administrative staff.

HOD & Associate HODs:

HODs and Associate HODs are responsible for all the academic activities of the department and for mobilizing the faculty members to arrange guest lectures, seminars, conferences and

getting research grant including collaborations with the different industries.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the institution webpage	**Nil**
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File Uploaded**
Screen shots of user inter faces	View File
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

1. Employees are undeniably crucial stakeholders who influence organisational effectiveness by stabilizing the tremor caused by adaptive environment. The management of GATES Institute of Technology implemented various monetary as well as non-monetary welfare measures for employee’s Monetary welfare schemes are

2. The Institution provides incentives/appreciation certificates to the faculty for outstanding performance in the curricular/co-curricular/extra-curricular activities.

3. Vacation leave provision for all employees as per the college norms.

4. Grant of Special Casual Leaves when faculties are required to go out on official duties or to participate in conferences, seminars, workshops etc.,

5. Sick Leaves will be provided based on the request from faculty subjected to discretion of management.

7. EPF is in force to sub staff. EPF is being contributed from management with an equal contribution from employees based on the pay scale governed by EPF rules.

8. Dearness Allowance

9. Provision of Special Leave to the existing faculty for the pursuance of their higher studies like PhD and PDF.

10. The institution will pay the registration fee, TA & DA and provide OD (On-Duty) for research paper presentation in the conferences.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

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

71

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

The Annual Performance Report (API) formats have been derived as shown hereunder by considering the Knowledge Skills and Behaviour aspects into account.

University results Research & publications/ academic progress Student’s feedback Punctuality & adaptability Mentoring / counselling of student’s administrative contributions

The non-teaching staff are assessed based on the following parameters:

Punctuality & flexibility Organizational contributions

The insolence, commitment and achievement of staff with respect to above mentioned parameters and the key areas to their assessment.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

1. Internal audit

Principal notifies all the HODs earlier March of each financial year to submit the budget necessities or the next financial year under stated head of accounts and makes a combined college budget. Principal makes the final combined budget and the same will be presented to the Management to review and suggestions.

The fine-tuned budget for next financial year is sited before the Governing Body for discussion, and approval. Principal in discussion with the management assessments the financial status periodically to confirm that the expenditures are within the budget allocated and the amount is used within the end of the financial year for the purpose it is allocated.

2. External audit

At the end of each financial year, the auditing will be done. In case of scrutiny entries internally on /off chance that there may

be any weaknesses identified / recognized will be corrected at the same time by the concerned office staff. The outside statutory examiners will visit the institution office twice in a year after overseeing Body for endorsement and also

for vouching review and presenting the last review report.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Primary Sources of funds:

Collection of tuition fee from students

Fee collections of other services provided to the students.

Hostel and Mess Fees collection.

Other Sources:

Grants from State Government

NSS funds from JNTUA University

Consultancy works.

Funds utilization strategies:

The funds will be used to cover regular operational and administrative expenses and also used in the establishment of advanced laboratories of the institute.

According to financial requirement of each department, budget amount will be allocated annually such budget will be discussed and monitoring the establishment of the infrastructure, purchase of equipment’s for various labs.

Sufficient funding is allocated for enhancement of teaching learning practices which includes

conducting Faculty Development Programs, Workshops, orientation programs,

Interdisciplinary events, Training programs to progress quality education.

Purchase of educational technology aids.

Enough funds are allocated to maintain a green campus and amenities.

Sufficient funds are allocated to communal service activities as part of communal responsibility.

Any excess of income over expenditure generated is utilized for infrastructure augmentation

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

The college's IQAC Cell aims to improve and preserve educational quality by discovering and providing innovative ways to use teaching aids, establishing appropriate infrastructure, and making recommendations for new self-finance courses.

IQAC is a highly effective internal coordinating and monitoring system. The IQAC is responsible for maintaining and improving the institution's quality by recommending quality improvement measures.

Every quarter, the IQAC meets to plan, direct, administer, and assess the College's teaching, research, and publication activities. Through quality improvement projects and best practises, the IQAC aims to spread a quality culture. Planning crucial areas strategically and delegating tasks -

1. Academic results

2. Student technical training

3. Student soft skills development

4. Placement support

5. Faculty development programs

6. Research and development

7. Interaction with industry

8. NBA accreditation Monitoring and mentoring of academic and

administrative activities.

Academic inspections are carried out periodically to assess the quality of academics.

The inspections involve:

1. Review of healthy academic practices

2. Mechanisms to identify and reform academic practices

3. Review of departmental facilities

4. Facilitate implementation of innovative methods in the departments

5. Self-development of faculty members

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

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

IQAC of the Institution has brought the following reforms in the Teaching-Learning Process

Planning and Monitoring Quality of teaching-learning process A calendar of events including holidays, tests, fests and other academic programs are prepared before the start of semester at

the college level in conformity with the university requirements. Hood’s plan the department / program activities well before start of the semester.

The Internal Quality Assurance Cell has established a continuous evaluation process on teaching-learning to tolerate effective teaching and learning for targeted outcome.

Internal Quality Assurance Cell believes in proper planning for success.

There will be review on curriculum, co-curricular activities, guest lectures, workshops, etc

IQAC has implemented a structured feedback mechanism for analysing the effectiveness of the teaching learning process through

Mentoring

Mid semester feedback

Informal feedback from the students

The feedback received on academic grievances, non-academic grievances are forwarded to the proper authorities by head of the department for resolutions and respective coordinators to

follow-up.

The action taken to redress the suggestions expressed in the meeting is recorded in the minutes of meeting.

This kind of practice helps to progress the teaching-learning process.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://gatesit.ac.in/mandatory-disclosures/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender Equality:

The institute takes pride in ensuring that female and male students are treated fairly and are given the same opportunities. GATES Women Empowerment Cell and GATES Women’s Club are very active in conducting events on gender equality, sanitization, nutrition, self-defence, motivation sessions etc.

GATES takes several measures and organizes several events to ensure equality.

Safety and Security:

1. CC cameras are installed on campus and in the Girls’ hostel to monitor the movement of the students.

2. Girls' hostel is also equipped with barbed wire to provide extra safety.

3. College has provided a dedicated bus facility to girls’ hostel.

4. Every college bus has a designated faculty to monitor any misbehaviour of students.

5. Every class is assigned with one boy and one girl CR, so that girl students can share any grievances without hesitation.

Counselling:

1. GATES has a counselling system to support the needs of girl students and faculty.

2. To ensure effective counselling dedicated counselling hours are allocated.

3. Counsellors are in constant touch with parents to update the progress of the students.

Common Rooms:

In each building, common rooms are equipped for boys and girls Separately

File Description	Documents
Annual gender sensitization action plan	https://gatesit.ac.in/women-empowerment/
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://gatesit.ac.in/anti-ragging-policy/#

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

One of the objectives of waste management is to keep the campus clean, we at GATES Institute of Technology strongly believe waste management has a direct and indirect impact on Climate change. The college use the “Refuse, Reduce, Re-use, and Recycle” approach to handling various types of wastages on the campus.

Solid Waste Management:

Food Waste and Leftover vegetables

Dried Leaves and dead vegetation

The institution takes all possible measures to reduce the usage of plastic.

Liquid Waste Management:

RO unit produced 40% purified water and 60% wastewater. It’s a significant amount of water waste. The plumbing system in the college has been changed in such a way, the RO waste water is collected in Syntex tanks and reused for toilets.

E-Waste Management:

1.Donate the outdated technology

2.Re-purpose electronic devices. Use the outdated devices to train the students on hardware assembly and hardware troubleshooting.

3.Give back to the electronic companies or exchange them in buying a new product.

4.UPS Equipment and inverters are used for exchange in buying new equipment.

5. Batteries are disposed of to a recycler which in-turn are recycled and used.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the

B. Any 3 of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The GATES Institute of Technology strongly believes in and

welcomes all forms of diversity to create an inclusive environment for the students. Diversity in cultures, language, socio-economic status, and rural/urban dichotomy is welcomed at the institution as diversity is the key to innovation. At GATES we believe that having strong ethical, community-oriented values can elevate the standard of living of those around us.

The students regularly engaged in charity activities funded by the institution management. Students eagerly participate in blood donation camps, arranged twice a year in association with the NSS team and medical staff.

There is no discrimination or preferential treatment based on students' caste, creed, religion, or economic background.

Everyone is treated fairly. However, there is fee concessions and waivers for needy students.

Campus Radio has also greatly contributed to harmony and community development amongst the students.

This platform has fostered an inclusive environment focused on tolerance and harmony amongst all the students and faculty.

GATES is proactively taking steps to ensure that students receive the best education possible in the most harmonious and diverse environment possible. There is strength in diversity and the institution recognizes and builds on that strength.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The goal of this institution is not only to produce employable students but to produce well-rounded citizens who strive to make their communities better.

In connection to this topic, several awareness programs were held on various legal and civic topics. Committees were formed to prevent ragging on campus and encourage students to take responsibility for controlling this dangerous act.

Student seminars are regularly held on their roles, responsibilities, rights, and duties in society. Additionally, every year “National Youth Day” is celebrated on campus, as the youth are our greatest asset and are key to our future.

The institution also partners with local police departments to host awareness programs on civil safety. These seminars focus on the rules and regulations of traffic law and the responsibilities everyone should feel when driving vehicles.

Women’s defence and protection seminars were also conducted by police departments as well to raise awareness regarding the Disha App and empower women.

The Institution organizes a number of programs every year covering the duties and responsibilities of citizens. On every Independence Day and Republic Day, essay competition and Elocution competition are conducted. Cultural programs are also conducted on these days of National Importance.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://gatesit.ac.in/national-service-scheme/
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Gates Institute of Technology organizes various events, to commemorate national and international days, events and festivals.

The following events were organized in the Institute.

On 15/08/2021, Independence Day,

the NSS unit celebrated the 75th Independence Day

On 26-01-2022, Republic Day was celebrated in the college

On 04/09/2021, Teachers Day was celebrated in the college. S

On 22/04/2021, Earth Day was celebrated and a plantation program was held in the campus

The orientation program was organized for the newly admitted

B.Tech students. The Chief Guest Prof. E. Keshava Reddy, Director of Evaluation, JNTUA, explained the importance of Engineering education. The Guest of Honor Sri V. N Chaitanya, DSP, Tadipatri, briefed the students his experiences.

Sankranthi was celebrated in the campus where students and faculty got together to celebrate the harvest festival.

Women Empowerment Cell celebrated International Women's Day.

Mrs. Vasundhara correspondent from SSBB college Guntakal, Mrs. Radhika, and Mrs. Lakshmi Devi were guests and all of them shared their experiences.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice – 1

Addressing Fear Factor, Improving Self-Confidence and Developing All-Rounders

The main objective of this best practice is to improve self-confidence and address fear-factor that is a show-stopper for the students of Gates Institute of Technology, Gooty in

achieving their career goals. The students with a rural background are performing exceedingly well in academic exams.

However, due to their rural backgrounds and lack of confidence, they are unable to perform well in job interviews. The intention of this best practice is to come up with a nontraditional

approach to address the low self-esteem of the students. The objective is to find a non-traditional approach to address the issues and observe its impact.

Best Practice – 2

Backlog Reduction Program

The objective of this best practice is to assist slow learners and students having challenges with certain types of subjects.

The backlog reduction program identifies, analyses, and provides assistance to students to clear their backlogs so that students reduce their backlogs and stay on their career paths.

The main outcome of this program is to provide a second chance to the students by removing obstacles in clearing the subjects they have challenges with. This will reduce drop-outs and

provide greater career opportunities to the students. The program also improves the profile of the students.

File Description	Documents
Best practices in the Institutional website	https://gatesit.ac.in/wp-content/uploads/2022/02/BEST-PRACTICE1.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

GATES Honors Society – A Distinctive Program that promotes Academic Excellence and Overall Development and Employability.

GATES Honors Society was founded in the year 2018 with the mission of incentivizing students to strive for academic success. Students with 70% mark and above with no backlogs

would be inducted into the honour society and recognized for their achievements. The thought process was that students would be more motivated to reach the 70% benchmark if they were recognized for

their hard work and efforts. Even if a student does not score high enough to qualify for the honour society, the program has at least inspired them to improve their performance in the university examinations.

The Gates Honor society also helps to convey to the parts how hardworking and dedicated their children are in achieving academic excellence and making the most of their education.

Ever since introduction of this program, the institution has observed a huge change in students' outlook towards their academic excellence and performance. They feel pride in

receiving this award from their parents.

The institution believes in a notion that students who balance their academics and all other activities will definitely succeed in their lives too.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

GATES Institute of Technology is affiliated with Jawaharlal Nehru Technological University, Ananthapuramu, and follows the university's curriculum. The college adheres to the JNTU's academic calendar.

The students at GATES Institute of Technology begin their journey with the institute by participating in an orientation programme that prepares them to begin their four-year journey with enthusiasm and knowledge.

The departments hold various committees consisting of stakeholders. The feedback provided by them are taken into consideration when setting targets.

An effective and active plan for timely implementation is formulated by the institution to ensure effective delivery.

Faculty members are encouraged to prepare an elaborate lesson plan, “synopsis”, for their classroom teachings of the entire year even before the academic year commences.

Following subject allocation, the subject faculty prepares course files, presentations, and laboratory manuals for effective curriculum implementation.

Periodical feedback is obtained from the students and the staff. Through these methods of planning and implementation, effective delivery is ensured and documented digitally through the online automation system of the college.

To effectively deliver the curriculum, industrial visits, expert lectures, workshops, on-site trainings, and additional value-added courses such as social values and ethics are all used.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The Jawaharlal Nehru Technological University, Ananthapuramu provides the academic calendar well in advance for each academic year which consists of instructions regarding the

commencement of academic activities, conduct of midterm examinations, external practical examinations, final examination of the semester and also an academic calendar of the next semester. Based on the academic calendar issued by JNTU, the academic committee of the institute sets up a calendar of events under IQAC along with the senior faculty and HODs of concerned departments at the institutional level by strictly abiding the instructions provided in the academic calendar of the University. The components of the academic calendar are:

(1) Internal examinations,

(2) External examinations,

(3) Slip tests,

(4) Workshops,

(5) Guest lectures,

(6) Cultural events,

(7) Regular class time tables,

(8) Lab time tables,

(9) Industrial visits

(10) Games & Sports

It also provides a complete schedule for conduct of internal and external exams for both theory and practical after the due process of proper planning and forwards to the examination section after approval by IQAC. There shall be two internal and one external exam subject-wise for each semester. After thorough analysis of first internal exam results, slow and advanced learners are identified.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

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

18

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

18

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1604

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The following initiatives are being carried out to guarantee comprehensive development.

To be India's premier educational institution, we strive to provide the best teaching and learning environment for our students, allowing them to develop into characterized

individuals with professional competence, ethical standards, a human touch, a service motto, and a strong sense of personal responsibility for the environment and society at large. Gates Institute of Technology aims at encouraging the great desires, discipline and overall excellence in the students and strives to develop them as highly professional engineers with conceptual knowledge through serene study atmosphere and quality technical education.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

6

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

900

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	https://gatesit.ac.in/mandatory-disclosures/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	**No File Uploaded**
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://docs.google.com/forms/d/e/1FAIpQLScDsrYtsVqUyucFmsHT4DpVhIKTObiTqIFElFEGS-pHHd2ovg/viewform

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

645

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

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

420

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

Understanding the unique needs of every student, the institution facilitates special learning, based on the academic capabilities of each student by fairly analysing their learning methods post admission. The institution identifies these students into two broad categories and devises special methods to derive maximum outcome from each group.

For advanced learners: Advanced learners are identified based on the assessments by individual teachers, previous academic credentials and personal interviews. The classroom performance of each student is then individually noted to assess their capabilities through a wide spectrum of tests, quizzes and group discussion. Through this process, the faculty accurately identifies the advanced learners.

For slow learners, remedial classes are conducted in every subject to improve their grasping abilities and improve their

academic performance, and involvement in class activities.

Remedial classes are arranged after college hours to help these students clear their backlogs without any difficulty. Apart from academics, student achievers from different fields are also encouraged. Additional coaching classes are conducted for slow learners to compete with advanced learners.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

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

Number of Students	Number of Teachers
2386	**161**

File Description	Documents
Any additional information	View File

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

The institute attempts to use a 360-degree approach so as to make students learn effectively. The institute provide required physical infrastructure, academic resources through the library, laboratories, R &D centre, Idea lab, training and placement department and Entrepreneurship Development Cell. To build in the experience of practicality students shall be made to undergo internship to get first-hand experience of an organization. The students are also provided the experience of industry practices through industry visits pertaining to their specific discipline of the study. As a part of the final year curriculum the students have to undertake a project, identify a problem and work on it as a group. This exercise enables students to understand the latest developments pertaining to a particular area there by enhancing their understanding and academic learning. Mini projects are given to learn and implementation of theoretical knowledge into the practical application. Laboratory sessions are conducted regularly to

sharpen the practical knowledge. Every department is having departmental forums/associations for conducting co-curricular activities. Participation and active involvement of students takes place in many committees, clubs and associations. Various clubs and associations conduct paper presentation, poster presentations, and quiz competitions for all the students.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://gatesit.ac.in/tp-events-and-activities/

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the institute to provide e-learning atmosphere in the classroom.

1. In addition to chalk and talk method of teaching, the faculty members are using the IT enabled learning tools such as PPT, Video clippings, Audio system, online sources, to expose

the students for advanced knowledge and practical learning.

2. Classrooms are fully furnished with OHP/Computers.

3. All the faculty use interactive methods for teaching. The major emphasis is on classroom interaction in terms of research paper presentations, seminars, debates, group discussions,

assignments, quiz/tests/viva and laboratory work. Institute premises are Wi-Fi enabled

Specialized computer laboratory with an internet connection has been provided to promote independent learning. MAC-ID based Wi-Fi facility for access of internet is provided on individual laptop and mobile devices.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

161

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

161

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

21

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

751

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The formal assessment slot for the internal evaluation for every semester is furnished by the university and we have to meticulously plan and conduct internal assessment of the student’s learning using assignments, objective assessments and subjective assessment tests.

Upon the completion of the tests, the prepared solution key along with the validated answer script is given to the student and the students are explained not only the marking scheme and

also the incompleteness/efficiency/incorrectness in writing the answers. This makes the students to know their academic performance in comparison to the entire class in a very

transparent manner. The objections/grievances if any raised by the students are attended to and their grievances are addressed

comprehensively. After this only the score/marks are finalized.

After this the finalized marks and answer scripts are reverified for their correctness by the concerned head of the department along with another senior staff member. This exercise would take out any human errors if present.

All these official records of internal marks shall be sent to the university at the end of each semester. As the procedure followed being systematic it is very transparent and robust

File Description	Documents
Any additional information	View File
Link for additional information	https://gatesit.ac.in/wp-content/uploads/2021/09/II-B.Tech .-Computer-Science-Engineering-R20-Course-Structure-Syllabi-1.pdf

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

As prescribed by the university two types of assessment and valuation is to be followed by the institute i.e. internal assessment and external assessment. The internal assessment is to be carried out by the institute and this has to be conducted in the stipulated time slot allotted by the university. For conduct of the internal assessment a committee with a senior faculty member from each of the department is constituted and this Examination committee (headed by the principal) does the following activities.

1. Planning to conduct the examinations

2. Conduct of the examinations of the departments

3. Coordinating with the departments to set internal question papers and the timely valuation of the answer scripts and maintains the custody of the answer scripts and keeps custody

of the same.

4. To handle the student indiscipline during the conduct of the examinations either theory or practical

5. To monitor the exam or assessment-related grievance.

File Description	Documents
Any additional information	View File
Link for additional information	https://docs.google.com/forms/d/e/1FAIpQLSfCQPAF95RAed50gvu326iI2EeA_zsAN9eSF-WQjc5HGz8Xwg/viewform

2.6 - Student Performance and Learning Outcomes

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

As the institute is affiliated, our affiliating university JNTUA explicitly provides categories / divisions and components of each of the course that is being offered both at the UG and PG programs. The process of defining and arriving at the specific Course Outcomes involves a course coordinator and the concerned faculty member.

The synopsis prepared at the beginning of the academic year for every subject clearly specifies Course outcomes. The preparation of synopsis is mandatory for every subject being offered and it also includes detailed contents of the syllabus, sources of the course material, suggested reading including NPTEL videos along with the Course Outcomes. The academic session for every course begins with the distribution of the copy of the synopsis for every student for every course (both soft and hard copies). The first two hours of every time tabled class of every subject will have a comprehensive discussion of the course outcome as mentioned in the synopsis. All the Course Outcomes for all the courses offered are enclosed as attachment.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://gatesit.ac.in/cse-vision-and-mission/
Upload COs for all Programmes (exemplars from Glossary)	View File

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

1.The Course Instructor assesses the COs which contribute to POs to be submitted with analysis to the Program coordinator

2.Verify with each PO, define performance indicators and their targets

3.Identify/select a course that contributes to attaining the PO with appropriate weightage

4.The Program coordinator collects the qualitative and quantitative data of COs and the same is used in the assessment.

5.The committee analyses the collected data. If the assessment meets the targets, the outcome is meant to be achieved.

The Tools used to attainment of POs are:

1. Direct Assessment: 70%

2. Indirect Assessment: 30%

Direct assessment tools:

The following are the direct assessment tools used for evaluation during the Programme:

Continuous Internal Evaluation (CIE):

Total internal weightage for theory courses is 30 marks, with the following distribution.

30 marks for mid-term tests

Indirect assessment tools:

Course Exit Survey (CES)

10 % CES will be taken for attainment of PO.

Junior Alumni Survey (JAS)

10 % JAS will be taken for attainment of PO.

Graduate Exit Survey (GES)

10 % GES will be taken for attainment of PO.

Indirect assessment = CES (10 %) + JAS (10%) + GES (10%) = 30%

PO attainment = Direct (70%) + Indirect (30%) =100%

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

438

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://www.gatesit.ac.in/AQAR/Student%20Satisfaction%20Survey.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

100000

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

3.1.2.1 - Number of teachers recognized as research guides

7

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

As a first step the faculty members are encouraged through incentives to present the research papers in conferences and also publish papers in refereed journals. Moreover, our faculties members are actively participating in research activities to develop their own technologies. As a part of this our faculty members filed 10 patent applications, out of which two patents are granted by Australian patent office.

In order to impart the institution has tied up and entered an MOU with APSSDC to train the students across all domains of for the present students. To provide platform for such resulting

innovative ideas, the institute has commenced “Idea Club", where in the students across the disciplines present their ideas in an interactive session. This is to give the students a platform for hands on experience to work on their ideas and innovations, facilitating students to convert their ideas into working prototypes, getting IP rights over their innovations and providing students to present their ideas in Hackathons and promoting students to become entrepreneurs and technology developers.

In order to further encourage the students and utilize the opportunity with project expo which helps students to show case their mini projects and major projects.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/NAAC-PDF/3.2.1.pdf

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

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

25

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

52

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

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

37

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The institute is at the frontage to make the students comprehend the effort they have to play in line with the institute mission statements. As per the directions of Department of Youth Affairs and Sports, Government of India, and affiliating university the institute has established a NSS unit. The NSS unit has a committed P.O. and Volunteers, and they have been influential in not only sensitizing the students but also inspiring them to extend helping hands in the community around.

The below mentioned activities are carried out by the GATES Institute of technology NSS unit:

Covid-19 Vaccination Drives & Awareness Camps, Distribution of Face masks & Groceries during lockdown in communities around, Distribution of Food kits to migrant labourers, Passengers at Railway stations, Homeless, Orphans during lockdown, Awareness

Camps on HIV/AIDS, Beti Bacho-Beti Padho, Awareness Camp on Health, Hygiene and Nutrition for Women and High school girls, Special Camps in adopted village, Blood Grouping & Donation Camps, Awareness Camp on Green Energy, Awareness Camp on Road Safety, Clean India -Say no to Plastic, Awareness camp on Say no to Tobacco.

File Description	Documents
Paste link for additional information	https://gatesit.ac.in/national-service-scheme/
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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., during the year

5

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

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

1105

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

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

13

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

14

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institute has a well-thought-out layout of amenities for academic/curricular, co-curricular and extra-curricular activities.

Most classrooms have an LCD projector to enable teachers and students to use the various electronic teaching/learning materials effectively and optimally.

The institute has a large central data centre with 180 systems with the latest configurations.

All these systems are connected via LAN. The total number of systems in the institute is 745.

The institute is a Wi-Fi campus with a dedicated bandwidth of 100 MBPS.

The Gates Institute of Technology Central Library supports the Institute's vision and mission by providing maximum access to relevant, authoritative, and scholarly resources for all

members.

In order to meet the needs of students and lecturers, the central library is equipped with around 42,763 volumes and around 5,608 titles covering core subjects as well as general subjects.

The Digital Library has 30 Internet-connected systems for access to various national and international electronic journals and journals.

CDs of textbooks, character development materials and materials provided by AIMA (All India Management Association) and many more are available in the digital library.

The Institute has an auditorium with a capacity for 600 people.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/cse-infrastructure/

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

The institute makes extensive use of SOLAR energy for its academic and non-academic activities, which ensures uninterrupted power supply. For higher requirements, the institute also has a backup generator based on conventional fuels with an output of 100 KVA.

The institute is situated on a huge 25-acre campus and has extensive open spaces for various sports and games. Below are the amenities for indoor and outdoor sports.

Since there is enough space, running events such as 400m, 4x100m relay, 1500m marathon are held regularly. Field events such as javelin throw, shot put, hurdle race are also held.

An open-air auditorium with a green inner courtyard is also available for various cultural and entertainment activities.

This green courtyard can accommodate almost 1,500 students.

As the institution encourages students in general, various associations and clubs run various programs there so that students of all grades can participate fully in their studies.

This is in addition to the institute annual day celebration where in all such achievers, performers are appreciated and felicitated.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/facilities/

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

59

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/gallery/
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

33.05

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The institute's library has existed since the beginning of the institute in 2001.

The central library is large and has a capacity of 150 places.

The library is divided into Human Resources, Copying Department, Lending Desk, New Arrivals Department, OPAC Search Department and Catalogue Index, Reading Room, Reference Department, Digital Library, Periodicals Department, Project Reports, Bound Volumes, Book and Periodical Processing Department, Book Bank, Teachers' Desk, Newspapers, Periodicals Department and RO -Water, etc. The library also operates a book

bank program for SC/ST students and also the institute book bank program for every student.

More than 43,000 books, newspapers, magazines, bulletins, and national and international news sources are available in the library.

The Institute has a Library Advisory Board, which is chaired by the director, with the librarian acting as secretary and each department's faculty member as a member. The committee will meet once a year makes proposals, looks at the feedback the librarian gets from students and staff, and sends the report to the institute's representatives for them to take action.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://gatesit.ac.in/library/

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

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

4.52

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

580

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Since the institute is located in a rural area, from the beginning the institute has focused on upgrading its IT facilities to provide better connectivity to provide better exposure to students and better connectivity to the outside world.

As of now, the institute has 731 computers for academic and administrative purposes, all connected through the institute wide LAN. The institute has also specified the necessary

software for the smooth operation of all computer facilities.

The institute also has 36 highly configured laptops (as part of the CM Skills Centre of Excellence) for students IT training.

The institute has 15 printers, 6 photo copiers and 5 scanners.

The institute will have a dedicated leased line with 30 Mbps bandwidth by 2015, and in order to meet the increasing demands on the Internet connection, the institute will gradually

increase the Internet bandwidth to 100 Mbps through a dedicated leased line from now on upgraded.

The entire academic campus is Wi-Fi enabled.

Each academic department is equipped with LCD projectors and there are 54 LCD projectors with Wi-Fi enabled for communication and administration purposes.

The campus also has extensive CC surveillance to ensure that all academic and non-academic activities on campus are followed.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/facilities/

4.3.2 - Number of Computers

745

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

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

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

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

617

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

The following shared facilities are open to all students for efficient use and better maintenance of the physical facilities, there are clearly defined procedures.

Items/equipment may be returned when such an institution-wide inventory is created. Library follows certain protocols when using books.

The institute operates 19 buses to help students and staff travel safely and comfortably from places like Anantapur, Guntakal, Tadipatri, Gooty and Gooty RS.

Hostels for boys and girls The Institute maintains separate hostels for boys and girls.

The boy's hostel is located on campus and has a capacity of 250 students. The girls hostel is located in the town of Gooty, not far from the campus, on a 1-hectare site with green and pleasant facilities. Hygienic and nutritious breakfasts, lunches and dinners are provided daily.

Contact local doctors and hospitals to treat students for medical needs. The university vehicle with driver is available 24 hours a day, 7 days a week to take care of all kinds of emergencies.

Surveillance cameras for student safety.

Facilities for indoor and outdoor games such as table tennis, badminton, basketball, volleyball, cricket are available for students' recreation, as well as a gymnasium.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://gatesit.ac.in/transportation/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1620

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

1620

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

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	**A. All of the above**

File Description	Documents
Link to Institutional website	https://gatesit.ac.in/tp-events-and-activities/
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

730

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

730

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

167

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

3

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State

government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

6

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

01

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

Students' participation in various administrative organizations has made them more responsible and deepened their bonds with

the GATES institute, resulting in many of students returning to make contributions to their alma mater. Every year, class representatives will be nominated for each class.

As per the interest of the students stepping up to take an active leadership role, they join different clubs. The main purpose of these clubs is to ensure harmony across an ample, vibrant, and continuous range of campus events and activities in the course of an academic year. The clubs ensure maximum involvement and engagement of all members of the Institute and its respective stakeholder groups. Working on these clubs instils leadership and management skills among students.

The students' associations energetically organize activities for the students by the students. The students' associations conduct several activities such as technical, non-technical competitions, workshops, guest lectures etc. The committees inculcate research attitude among students by organizing events like paper and poster presentations, project competitions and conferences.

File Description	Documents
Paste link for additional information	https://gatesit.ac.in/student-clubs/
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

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

01

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

Under the Societies Registration Act, GATES Institute of Technology has a registered Alumni Association. It was founded on March 5, 2009. The Alumni Association Committee is comprised of staff and student members from each department. GATES is committed to cultivating and sustaining relationships with its alumni. The Alumni Association serves as a conduit for building a connection between the institute's alumni, employees, and students. GATES alumni are currently employed in a variety of capacities around the world, demonstrating their abilities in a variety of fields. Faculty members are in personal touch with

former faculty and alumni to collaborate for conducting faculty development programs and workshops. GATES Facebook page, departments WhatsApp groups, Google-groups accounts, group email IDs etc. are available to connect with the Alumni and conduct the face-to-face Alumni interaction. Alumni association appreciates academic, professional and other achievements of the alumni. Institute has formed a strong alumni database area wise, sector wise and designation wise including distinguished Alumni working in India and abroad

The Alumni Association Contribution through various means: -

Book Donation,

Through Alumni Interaction,

Giving assistance

Placement & Career Guidance.

File Description	Documents
Paste link for additional information	https://alumni.gatesit.ac.in/
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)	B. 4 Lakhs - 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The institute academic and administrative policies, procedures, norms etc. are formed in alignment with Vision of the institute and this exercise is carried out by the governing body. The decisions made were intimated to the head of departments through principal for active implementation.

The response from various stakeholders (like alumni, parents, employer and students) are taken into consideration while formulating the polices by the Governing Body. Based on IQAC recommendations, the institute also has formed fourteen (14) committees for smooth and effective functioning of administration, academics, conduct of examinations, research and development, grievance redressals, counselling of students, anti-ragging, entrepreneurship development, social services, general maintenance, student training and maintenance of infrastructure. It is checked by class teachers and academic counsellors daily. In order to control the ragging, the anti - ragging committee is established by the Institute (by following A.I.C.T.E Guidelines) which actively monitors the anti-ragging activities. Different clubs and associations are constituted with the involvement of faculty and student for conducting academic, non – academic and extra-curricular events for the students. The different clubs and associations groomed the character of the students to make them employable and good

professionals.

File Description	Documents
Paste link for additional information	https://gatesit.ac.in/about-vision-and-mission/
Upload any additional information	View File

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

Vision and Mission statements describe the quality policy of the institute in very well manners which are designed by the Top-level administration, the Principal, Vice Principal, HOD and senior Faculty members of the institute. An action plan is prepared collectively by the Principal, Vice Principal and the Head of branches for implementing the quality policy. As per the action strategy, specific roles are allocated to various faculty members. The institution has different working Committees / Sub-Committees to regularly monitor or guide the academic and administrative activities. The committees include of key shareholders including government, administrators, teachers, admin-staff, company, employer, alumni, parents and students.

Principal: -

Quality policy- Planning, deployment and monitoring Conducting Meeting with HOD’s

Department Meets with teaching and non-teaching staff once in a Semester

Monitoring the teaching and learning process

Maintenance of academic performance

Head of the Departments: -

Department meeting

Accomplishment of course work Community activities

Maintenance of the department

Result Analysis & action taken .

File Description	Documents
Paste link for additional information	https://gatesit.ac.in/college-academic-council/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Strategic technique needs to influence the strengths of the GATES Institute of Technology that has developed over the periods and to create upon them and obtain / develop new strengths.

In specific, the Strategic Plan suggests to fostering the large group of teaching staff working on new changing technologies that have the latent to address the social challenges faced in the country today. Tactical Plan recognizes the following extensive targets:

The squad consisting of Principal, HODs and the senior faculties are the major body that develops and implements the policy. To facilitate the planning and deployment, the Internal

Quality Assurance Cell (IQAC) is constituted strictly as per the guidelines of NAAC.

The IQAC periodically meets to discuss & suggests plans/actions for strengthening the below mentioned aspects:

Curricular implementation

The Teaching-Learning and Evaluation process

Research, Innovations & Extension

The Infrastructure & Learning Resources

Student Support & Progression

Governance, Leadership & Management

Institutional Values & Best Practices

The conclusions made on meetings of the IQAC is carefully reviewed and policies are further formulated for corrective actions.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://gatesit.ac.in/wp-content/uploads/2022/02/BEST-PRACTICE1.pdf
Upload any additional information	No File Uploaded

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

Effective administration is very much essential for any organization. For smooth administrative functioning, an organization chart is prepared which is shown in the Institute website. To maintain quality and standards in effective and efficient manner each member of teaching and non-teaching staff follows the practices and mentioned in the administrative manual of the Institute. For the proper functioning of Institute, hierarchy is maintained as per the organization chart and responsibilities are carried out at all the levels.

Management body:

The Management confine to formulated vision, mission and objectives and has healthy surveillance with regard to implementation of the same. Providing adequate financial support as and when needed. Periodic meeting of management with Principal and accordingly meeting of Principal with HODs facilitates smooth day to day functioning of the institution.

Annual meeting of the management with all staff members.

Principal:

Principal of the Institute takes every effort to ensure that the decisions taken at the top-level percolate to all levels for effective implementation of the same. Principal plays a vital link between the faculty, administrative staff and management. Principal plays a role model for the faculty members in enhancing academic credentials and inculcating total quality management culture among the administrative staff.

HOD & Associate HODs:

HODs and Associate HODs are responsible for all the academic activities of the department and for mobilizing the faculty members to arrange guest lectures, seminars, conferences and

getting research grant including collaborations with the different industries.

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the institution webpage	**Nil**
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File Uploaded**
Screen shots of user inter faces	View File
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

1. Employees are undeniably crucial stakeholders who influence organisational effectiveness by stabilizing the tremor caused by adaptive environment. The management of GATES Institute of Technology implemented various monetary as well as non-monetary welfare measures for employee’s Monetary welfare schemes are

2. The Institution provides incentives/appreciation certificates to the faculty for outstanding performance in the curricular/co-curricular/extra-curricular activities.

3. Vacation leave provision for all employees as per the college norms.

4. Grant of Special Casual Leaves when faculties are required to go out on official duties or to participate in conferences, seminars, workshops etc.,

5. Sick Leaves will be provided based on the request from faculty subjected to discretion of management.

7. EPF is in force to sub staff. EPF is being contributed from management with an equal contribution from employees based on the pay scale governed by EPF rules.

8. Dearness Allowance

9. Provision of Special Leave to the existing faculty for the pursuance of their higher studies like PhD and PDF.

10. The institution will pay the registration fee, TA & DA and provide OD (On-Duty) for research paper presentation in the conferences.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

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

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

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

71

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

The Annual Performance Report (API) formats have been derived as shown hereunder by considering the Knowledge Skills and Behaviour aspects into account.

University results Research & publications/ academic progress Student’s feedback Punctuality & adaptability Mentoring / counselling of student’s administrative contributions

The non-teaching staff are assessed based on the following parameters:

Punctuality & flexibility Organizational contributions

The insolence, commitment and achievement of staff with respect to above mentioned parameters and the key areas to their assessment.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

1. Internal audit

Principal notifies all the HODs earlier March of each financial year to submit the budget necessities or the next financial year under stated head of accounts and makes a combined college budget. Principal makes the final combined budget and the same will be presented to the Management to review and suggestions.

The fine-tuned budget for next financial year is sited before the Governing Body for discussion, and approval. Principal in discussion with the management assessments the financial status periodically to confirm that the expenditures are within the budget allocated and the amount is used within the end of the financial year for the purpose it is allocated.

2. External audit

At the end of each financial year, the auditing will be done. In case of scrutiny entries internally on /off chance that there may be any weaknesses identified / recognized will be corrected at the same time by the concerned office staff. The outside statutory examiners will visit the institution office twice in a year after overseeing Body for endorsement and also

for vouching review and presenting the last review report.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Primary Sources of funds:

Collection of tuition fee from students

Fee collections of other services provided to the students.

Hostel and Mess Fees collection.

Other Sources:

Grants from State Government

NSS funds from JNTUA University

Consultancy works.

Funds utilization strategies:

The funds will be used to cover regular operational and administrative expenses and also used in the establishment of advanced laboratories of the institute.

According to financial requirement of each department, budget amount will be allocated annually such budget will be discussed and monitoring the establishment of the infrastructure, purchase of equipment’s for various labs.

Sufficient funding is allocated for enhancement of teaching learning practices which includes

conducting Faculty Development Programs, Workshops, orientation programs,

Interdisciplinary events, Training programs to progress quality education.

Purchase of educational technology aids.

Enough funds are allocated to maintain a green campus and amenities.

Sufficient funds are allocated to communal service activities as part of communal responsibility.

Any excess of income over expenditure generated is utilized for infrastructure augmentation

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

The college's IQAC Cell aims to improve and preserve educational quality by discovering and providing innovative ways to use teaching aids, establishing appropriate infrastructure, and making recommendations for new self-finance courses.

IQAC is a highly effective internal coordinating and monitoring system. The IQAC is responsible for maintaining and improving the institution's quality by recommending quality improvement measures.

Every quarter, the IQAC meets to plan, direct, administer, and assess the College's teaching, research, and publication activities. Through quality improvement projects and best practises, the IQAC aims to spread a quality culture. Planning crucial areas strategically and delegating tasks -

1. Academic results

2. Student technical training

3. Student soft skills development

4. Placement support

5. Faculty development programs

6. Research and development

7. Interaction with industry

8. NBA accreditation Monitoring and mentoring of academic and administrative activities.

Academic inspections are carried out periodically to assess the quality of academics.

The inspections involve:

1. Review of healthy academic practices

2. Mechanisms to identify and reform academic practices

3. Review of departmental facilities

4. Facilitate implementation of innovative methods in the departments

5. Self-development of faculty members

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

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

IQAC of the Institution has brought the following reforms in the Teaching-Learning Process

Planning and Monitoring Quality of teaching-learning process A calendar of events including holidays, tests, fests and other academic programs are prepared before the start of semester at

the college level in conformity with the university requirements. Hood’s plan the department / program activities well before start of the semester.

The Internal Quality Assurance Cell has established a continuous evaluation process on teaching-learning to tolerate

effective teaching and learning for targeted outcome.

Internal Quality Assurance Cell believes in proper planning for success.

There will be review on curriculum, co-curricular activities, guest lectures, workshops, etc

IQAC has implemented a structured feedback mechanism for analysing the effectiveness of the teaching learning process through

Mentoring

Mid semester feedback

Informal feedback from the students

The feedback received on academic grievances, non-academic grievances are forwarded to the proper authorities by head of the department for resolutions and respective coordinators to

follow-up.

The action taken to redress the suggestions expressed in the meeting is recorded in the minutes of meeting.

This kind of practice helps to progress the teaching-learning process.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or	C. Any 2 of the above

international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://gatesit.ac.in/mandatory-disclosures/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender Equality:

The institute takes pride in ensuring that female and male students are treated fairly and are given the same opportunities. GATES Women Empowerment Cell and GATES Women's Club are very active in conducting events on gender equality, sanitization, nutrition, self-defence, motivation sessions etc.

GATES takes several measures and organizes several events to ensure equality.

Safety and Security:

1. CC cameras are installed on campus and in the Girls' hostel to monitor the movement of the students.

2. Girls' hostel is also equipped with barbed wire to provide extra safety.

3. College has provided a dedicated bus facility to girls' hostel.

4. Every college bus has a designated faculty to monitor any misbehaviour of students.

5. Every class is assigned with one boy and one girl CR, so that girl students can share any grievances without hesitation.

Counselling:

1. GATES has a counselling system to support the needs of girl students and faculty.

2. To ensure effective counselling dedicated counselling hours are allocated.

3. Counsellors are in constant touch with parents to update the progress of the students.

Common Rooms:

In each building, common rooms are equipped for boys and girls Separately

File Description	Documents
Annual gender sensitization action plan	https://gatesit.ac.in/women-empowerment/
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://gatesit.ac.in/anti-ragging-policy/#

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	**B. Any 3 of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

One of the objectives of waste management is to keep the campus clean, we at GATES Institute of Technology strongly believe waste management has a direct and indirect impact on Climate change. The college use the “Refuse, Reduce, Re-use, and Recycle” approach to handling various types of wastages on the campus.

Solid Waste Management:

Food Waste and Leftover vegetables

Dried Leaves and dead vegetation

The institution takes all possible measures to reduce the usage of plastic.

Liquid Waste Management:

RO unit produced 40% purified water and 60% wastewater. It’s a significant amount of water waste. The plumbing system in the college has been changed in such a way, the RO waste water is collected in Syntex tanks and reused for toilets.

E-Waste Management:

1.Donate the outdated technology

2.Re-purpose electronic devices. Use the outdated devices to train the students on hardware assembly and hardware troubleshooting.

3.Give back to the electronic companies or exchange them in buying a new product.

4.UPS Equipment and inverters are used for exchange in buying new equipment.

5. Batteries are disposed of to a recycler which in-turn are recycled and used.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**B. Any 3 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The GATES Institute of Technology strongly believes in and welcomes all forms of diversity to create an inclusive environment for the students. Diversity in cultures, language, socio-economic status, and rural/urban dichotomy is welcomed at the institution as diversity is the key to innovation. At GATES we believe that having strong ethical, community-oriented values can elevate the standard of living of those around us.

The students regularly engaged in charity activities funded by the institution management. Students eagerly participate in blood donation camps, arranged twice a year in association with the NSS team and medical staff.

There is no discrimination or preferential treatment based on students’ caste, creed, religion, or economic background.

Everyone is treated fairly. However, there is fee concessions and waivers for needy students.

Campus Radio has also greatly contributed to harmony and community development amongst the students.

This platform has fostered an inclusive environment focused on tolerance and harmony amongst all the students and faculty.

GATES is proactively taking steps to ensure that students receive the best education possible in the most harmonious and diverse environment possible. There is strength in diversity and the institution recognizes and builds on that strength.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

The goal of this institution is not only to produce employable students but to produce well-rounded citizens who strive to make their communities better.

In connection to this topic, several awareness programs were held on various legal and civic topics. Committees were formed to prevent ragging on campus and encourage students to take responsibility for controlling this dangerous act.

Student seminars are regularly held on their roles, responsibilities, rights, and duties in society. Additionally, every year “National Youth Day” is celebrated on campus, as the youth are our greatest asset and are key to our future.

The institution also partners with local police departments to host awareness programs on civil safety. These seminars focus on the rules and regulations of traffic law and the responsibilities everyone should feel when driving vehicles.

Women’s defence and protection seminars were also conducted by police departments as well to raise awareness regarding the Disha App and empower women.

The Institution organizes a number of programs every year covering the duties and responsibilities of citizens. On every

Independence Day and Republic Day, essay competition and Elocution competition are conducted. Cultural programs are also conducted on these days of National Importance.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://gatesit.ac.in/national-service-scheme/
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Gates Institute of Technology organizes various events, to commemorate national and international days, events and

festivals.

The following events were organized in the Institute.

On 15/08/2021, Independence Day,

the NSS unit celebrated the 75th Independence Day

On 26-01-2022, Republic Day was celebrated in the college

On 04/09/2021, Teachers Day was celebrated in the college. S

On 22/04/2021, Earth Day was celebrated and a plantation program was held in the campus

The orientation program was organized for the newly admitted B.Tech students. The Chief Guest Prof. E. Keshava Reddy, Director of Evaluation, JNTUA, explained the importance of Engineering education. The Guest of Honor Sri V. N Chaitanya, DSP, Tadipatri, briefed the students his experiences.

Sankranthi was celebrated in the campus where students and faculty got together to celebrate the harvest festival.

Women Empowerment Cell celebrated International Women's Day.

Mrs. Vasundhara correspondent from SSBB college Guntakal, Mrs. Radhika, and Mrs. Lakshmi Devi were guests and all of them shared their experiences.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC

format provided in the Manual.

Best Practice – 1

Addressing Fear Factor, Improving Self-Confidence and Developing All-Rounders

The main objective of this best practice is to improve self-confidence and address fear-factor that is a show-stopper for the students of Gates Institute of Technology, Gooty in

achieving their career goals. The students with a rural background are performing exceedingly well in academic exams.

However, due to their rural backgrounds and lack of confidence, they are unable to perform well in job interviews. The intention of this best practice is to come up with a nontraditional

approach to address the low self-esteem of the students. The objective is to find a non-traditional approach to address the issues and observe its impact.

Best Practice – 2

Backlog Reduction Program

The objective of this best practice is to assist slow learners and students having challenges with certain types of subjects.

The backlog reduction program identifies, analyses, and provides assistance to students to clear their backlogs so that students reduce their backlogs and stay on their career paths.

The main outcome of this program is to provide a second chance to the students by removing obstacles in clearing the subjects they have challenges with. This will reduce drop-outs and

provide greater career opportunities to the students. The program also improves the profile of the students.

File Description	Documents
Best practices in the Institutional website	https://gatesit.ac.in/wp-content/uploads/2022/02/BEST-PRACTICE1.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

GATES Honors Society – A Distinctive Program that promotes Academic Excellence and Overall Development and Employability.

GATES Honors Society was founded in the year 2018 with the mission of incentivizing students to strive for academic success. Students with 70% mark and above with no backlogs

would be inducted into the honour society and recognized for their achievements. The thought process was that students would be more motivated to reach the 70% benchmark if they were recognized for their hard work and efforts. Even if a student does not score high enough to qualify for the honour society, the program has at least inspired them to improve their performance in the university examinations.

The Gates Honor society also helps to convey to the parts how hardworking and dedicated their children are in achieving academic excellence and making the most of their education.

Ever since introduction of this program, the institution has observed a huge change in students' outlook towards their academic excellence and performance. They feel pride in

receiving this award from their parents.

The institution believes in a notion that students who balance their academics and all other activities will definitely succeed in their lives too.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. We intend further enhance our students training to enhance employability and entrepreneurship opportunities.

2. We propose to conduct an international conference by collaborating for publish SCI papers through IEEE.

3. We have introduced a comprehensive policy for R & D to further encourage faculty and students to Research & Development.

4. To further enhance facilities at the GATES Innovation centre to provide a comprehensive platform for showcasing the innovation ability of the students.

5. Make efforts to collaborate with MSME, Govt. of India to encourage more students to take up entrepreneurship as a career option for their growth.