



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution	Global Academy of Technology
• Name of the Head of the institution	Dr. Ranapratap Reddy N
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08028603158
• Alternate phone No.	9481252624
• Mobile No. (Principal)	9591510211
• Registered e-mail ID (Principal)	principal@gat.ac.in
• Address	Ideal Homes, Rajarajeshwari Nagar
• City/Town	Bangalore
• State/UT	Karnataka
• Pin Code	560098
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	11/11/2020
• Type of Institution	Co-education
• Location	Urban

- Financial Status **Self-financing**
- Name of the IQAC Co-ordinator/Director **Dr. Ravi J**
- Phone No. **08028603158**
- Mobile No: **9481252624**
- IQAC e-mail ID **ravi.j@gat.ac.in**

3. Website address (Web link of the AQAR (Previous Academic Year)) https://www.gat.ac.in/?page_id=5375

4. Was the Academic Calendar prepared for that year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://gat.ac.in>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.07	2017	30/10/2017	29/10/2022

6. Date of Establishment of IQAC **23/08/2016**

7. Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Electrical and Electronics Engineering	Government	AICTE	30/12/2020	93000
Mechanical Engineering	Government	AICTE	25/12/2020	1276000
Information Science Engineering	Government	AICTE	18/09/2020	93000
Electronics and Communication Engineering	Government	AICTE	14/01/2021	93000

8. Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

9. No. of IQAC meetings held during the year **2**

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

10. Did IQAC receive funding from any 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. Enhancing academic excellence. 2. Developing the Skills of students by organizing technical training programs. 3. Encouraging students for Internship Training at Industries. 4. Organization FDP, Orientation programs for staff. 5. Upgradation of Labs with advanced software to meet the requirements of current and recent technology.

12. Plan of action chalked out by IQAC at 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
Submission of Compliance report to National Board of Accreditation for renewal	UG branches - CSE, ECE, EEE, ISE & Mech.Engg. Accredited by NBA
Submission of research proposals for funding	Funds received from KSCST, AICTE MODEROPS and ATAL
Enhancement of MoUs	MOUs signed with Industries and R&D Centers.

13. Was the AQAR placed before the statutory body? Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Management	08/07/2021

14. Was the institutional data submitted to AISHE ? Yes

- Year

Part A

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<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File
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<table border="1"> <tr> <td>Year</td> <td>Date of Submission</td> </tr> <tr> <td>2020</td> <td>12/02/2020</td> </tr> </table>		Year	Date of Submission	2020	12/02/2020
Year	Date of Submission				
2020	12/02/2020				
15. Multidisciplinary / interdisciplinary					
<p>Global Academy of Technology has a holistic multidisciplinary curriculum with a vision to equip the students with an overall knowledge on allied fields apart from their core subjects. Humanities, Science, and Mathematics are an integral part of the engineering courses in the Institute. For every UG Course subjects like Physics, Chemistry, Mathematics, English, and Environmental Science are taught. The Institute organizes many interdisciplinary conferences every year to promote a blending of different disciplines leading to the exchange of research ideas and knowledge on topics of overlapping domains. Multidisciplinary projects are carried out by the students.</p>					
16. Academic bank of credits (ABC):					
<p>GAT being an autonomous institute the curriculum is continuously upgraded to make the students employable as per the requirement of industry and higher educational institutions. Faculties also have the autonomy to frame the syllabus within the given framework and get it approved by competent authorities. GAT has improvised pedagogy by creating its own platform of video lectures. Besides this, the use of Google classroom to give lecture notes and assignments has further enhanced teaching and learning besides the regular chalk and board method or PowerPoint presentation.</p>					

17.Skill development:
The Institute organizes various model-making competitions and exhibitions workshops, and live projects with industry collaboration for the students on a regular basis to encourage students. The soft skill development program is organized for the benefit of students. The internship program is an integral part of every student's curriculum.
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)
Indian language courses like Adalita Kannada, and Vyavaharika Kannada is an integral part of every student's curriculum. Indian culture is promoted by conducting various activities through the cultural team Kalaparva.
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):
Global Academy of Technology is following outcome-based education in the curriculum and each course is mapped with COs, POs, PSOs, and PEOs to measure the outcome.
20.Distance education/online education:
Online education through lectures in Zoom, Google meet, Microsoft Teams, etc...learning platforms, and Youtube lectures by faculties are there in addition to regular physical classes to encourage learning in blended mode. Students are directed to do MOOC courses in NPTEL, and SWAYAM platforms and are awarded BTech degrees with honors for completing 18 credits of these courses. The institute has an MOU with Coursera which facilitates the students to do several online courses from reputed institutes all around the world free of cost

Extended Profile

1.Programme

1.1 9

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3000

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 800

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 2900

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 1560

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 400

Number of full-time teachers during the year:

Extended Profile	
1.Programme	
1.1 Number of programmes offered during the year:	9
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1 Total number of students during the year:	3000
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	800
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	2900
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	1560
File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	400
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3	400
Number of sanctioned posts for the year:	

4. Institution

4.1	400
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	50
Total number of Classrooms and Seminar halls	

4.3	500
Total number of computers on campus for academic purposes	

4.4	20000000
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum of all programmes is developed in accordance with the Programme Educational Objectives (PEO) , Program Specific Outcomes (PSOs) and Programme Outcomes (PO), which in turn are in line with the vision and mission statements of the Institute. The curriculum and the course content is developed based on feedback from various stakeholders , including academic and industrial experts, to ensure the relevance to the local,

regional, national and global Developmental needs. The curricula and course content thus framed are recommended by the Board of Studies and subsequently approved by Academic Council. The students are made to upgrade their knowledge by undergoing MOOCS courses through NPTEL coursera etc. Further the Internships and projects are included for all the students and as a result the student can upgrade the knowledge base in diversified fields. In addition to curriculum, student's skills are upgraded by conducting various value added courses and become industry ready. A range of co-curricular and extra-curricular activities are aligned with the overall development of the student, which has an impact on the national and global developmental needs.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

7

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

149

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

23

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

10

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

GAT curriculum effectively integrates cross-cutting issues

relevant to gender, environment and sustainability, human values and professional ethics and leads to a strong value-based holistic development of students.

Various activities are organized throughout the year as part of the curriculum that help in this endeavor.

1. **Gender Sensitivity:** Gender related courses are an integral component of various programmes. Students are sensitized and encouraged to work towards gender equity from a cross-cultural perspective. GAT annually organizes seminars, conferences, guest lectures, exhibitions, street plays and literary activities that help in gender sensitization.

2. **Environment and Sustainability:** A compulsory core course on Environment studies is included in all UG programmes. Environment awareness camps, seminars, workshops, guest lectures, industry visits and field excursions are organized. Environment Day, Earth Day and Water Day are annually celebrated. GAT accords great importance to research in interdisciplinary areas focused on renewable energy, environmental pollution, agriculture, education and healthcare.

3. **Human Values and Professional Ethics :** The curriculum has the following compulsory core courses in all UG programmes specially focused on the development of human values and professional ethics

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

6

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

201

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1346

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://gat.ac.in/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	B. Feedback collected, analysed and action taken
File Description	Documents
Provide URL for stakeholders' feedback report	www.gat.ac.in
Any additional information	No File Uploaded
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment of Students	
2.1.1.1 - Number of students admitted (year-wise) during the year	
1006	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)	
846	
File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File
2.2 - Catering to Student Diversity	
2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.	
Bright students are found on the basis of their involvement in the classroom, class performances, CIE, and grades. Facilities for Bright students: They are motivated to take up value-added courses, e-learning courses, and competitive exams. Students are encouraged to become members of professional bodies. They are encouraged to participate in symposia, workshops, and seminars at National/International levels.	

The slow learners are identified from their participation in classroom discussions, performance in the CIE and exam, etc.

Actions taken: The department conducts tutorial classes for numerically oriented subjects. Students are encouraged to conduct open-ended lab-based experiments. A question bank is given to students to improve their learning. **Impact Observed on Slow Learners:** It is observed that the academic and overall performance of students is improved.

Orientation Programme: The institution organizes Student's Orientation Programme for newly enrolled 1st-year students. Every department at Global Academy of Technology also organizes an orientation program for the 2nd year students as soon as they enter the department.

Value Added Courses: It is important for higher education institutions to supplement the curriculum to make students better prepared to meet industry demands as well as to pursue their higher education in their own interests.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
10/02/2021	3217	179

File Description	Documents
Upload any additional information	No File Uploaded

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:

Global Academy of Technology inculcates teaching learning process which focuses on imparting education through a student centric approach. This methodology helps to transform students

from being passive recipients to interactive and responsive audience. This would eventually increase their confidence and skills.

GAT follows Outcome based education where every course highlights course outcomes which are aligned with Programme Specific Outcomes and Programme Outcomes. This provides a comprehensive understanding to the student at the beginning of the course as a primary focus. It also helps them in self evaluating their performance at the conclusion of the course. Feedback is collected at the end of the course. If any lacunae, the same is addressed.

Apart from these, internships, hands on sessions, project based learning helps students to acquire experimental learning and problem solving ability.

Various clubs at GAT, has supported in participative and enhanced learning. This has increased student involvement in different areas and has attracted students at large.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ICT based learning: Use LCD/LED projectors and provision for interactive teaching learning with high speed internet connectivity. Simulation software like Xilinx, MATLAB, LABVIEW, CAD and open source software are using to encourage for effective learning. The Online quizzes, interaction through google classroom, encouraging students to take up MOOC courses has become common practices at Global Academy of Technology.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://gat.ac.in/
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

156

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic calendar is prepared well in advance for each semester of every academic year. The academic calendar is prepared as per VTU guidelines. Every academic year includes two regular semesters (odd, even). The academic calendar consists of reopening day, continuous assessment test dates, last working day, end semester examination tentative schedule etc.. for each semester. With prior consultation of the experts, dates of guest lecture, workshops and industrial visits are planned in the department calendar.

The calendar is made available to the staff and students through email and also published in the student management software tool (Contineo). The calendar of activities is centrally monitored by the Dean Academic and Head of the Department and it is ensured that the calendars of academic activities are strictly adhered.

Each course coordinator has to prepare a Lesson Plan Document (LPD) with course outcomes, programme outcomes, CO-PO & CO-PSO mapping.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

180

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

48

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

8

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year**

12

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The examination for the autonomous courses is conducted by the Institute, in two stages emphasizing continuous Internal Evaluation [CIE] in each semester and Semester End Examination [SEE] at the end of the semester. Complete examination process is executed by the Office of the Controller of Examination in coordination with all departments. The Global Academy of Technology continuously carries out reformation in its exam conduction process with the aid of sophisticated IT tools in executing examination procedures. The examination procedure is automated with Contineo Software to improve the examination management system. Examination procedures and the use of IT tools

Process for CIE Paper Setting: • The course co-ordinator(CCO) sets the question paper for the CIE by ensuring various RBT levels and is mapped to the Course Outcomes (COs).
 Procedure for Conduction and Evaluation of CIE: • The time table

for the CIE will be announced in the notice board one week prior. • For any genuine reasons, if a student was unable to perform well in the given CIE, improvement test may be given. • The CCO submits the question paper to the module coordinator to checks the quality, format, RBT level and COs compliance and suggests any changes, if required.

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

2.6 - Student Performance and Learning Outcomes

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

Program Outcomes (POs) , Program Specific Outcomes (PSOs) and course outcomes (COs) are communicated to the stake holders of the program by the following procedures.

- POs and PSOs are available in the each department website
- POs and PSOs are kept in prominent locations of the campus for staff, students and public view.
- POs and PSOs are displayed in Department office, Laboratories and Department library.
- POs and PSOs are communicated to employers and Alumni during the Alumni Meeting.
- POs, PSOs are printed on lab records, Lab manuals and Continuous Internal Evaluation Booklets. COs are displayed in respective Laboratories.
- Course Outcomes (COs) are framed by course coordinator and discussed in Department advisory committee meeting. Department advisory committee ratifies course outcomes for each course with course coordinator along with one subject expert. The course outcomes and their mapping with program outcomes and program specific outcomes are elaborately discussed and derived by the course committee members. If necessary, the COs are modified and reframed by the course committee members as suggested by DAC. COs are communicated to the students during the introduction

class itself. During the discussion of the course, the outcomes of the course are also focused.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

In Outcome Based Education, assessment is carried out by the institution to identify, collect, analyze and evaluate the data towards the achievement of course outcomes. The course outcomes are assessed based on direct and indirect assessment tools. The direct method of assessment includes internal test, assignments, quizzes, laboratory practical examination, internship, project work done etc., and indirect assessment includes workshops, seminars, conferences and value added courses etc., Course outcomes are evaluated based on the performance of students in Continuous Internal Evaluation (CIE) and Semester End Examination (SEE). CIE contributes 50% and SEE contributes 50% to the total attainment of a course outcome.

The direct assessment based on marks obtained by the individual student is then mapped with POs & PSOs through COs. For Semester End Examination, Controller of Examination will conduct the exam for 100 marks. The questions in SEE paper evenly cover all the COs of a course. The Semester End Exam marks are scaled down to 50 and then summed up with the Continuous Internal Evaluation marks for a total of 100 marks for attainment level calculations of Cos.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution**803**

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://gat.ac.in/

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://gat.ac.in>

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Promotion of Research and Facilities**

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The institute is having well defined Research policy. It provides guidelines and direction for the growth and development of research activities. It suggests measures for improving existing infrastructural facilities both for academic & sponsored research and enhancing research ambience. It helps to conduct regular workshops related to research methodology and how to write proposals for getting financial assistance through funding agencies. It recommends to conduct national and international conferences in emerging areas and circulation of information on the national and international conferences conducted in various institutions pan India/ abroad to all faculty members. It advises faculty members to submit research proposals, journals and conference papers. It insists to depute faculty members to participate in conferences. It also coordinates with various departments of the institute and create a centralized database of research activities. The Research committee monitors the progress of research scholars, funded

projects. It also provides code of professional ethics in research work is followed by all concerned. It is responsible for monitoring the financial transactions and submission of audited statements to sponsors of projects and funding agencies. This is done association with the principal investigator of the project.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://gat.ac.in/
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0.48

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

1

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

6.27

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

53

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://gat.ac.in/
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution anticipates in various development activities for Faculty and students with a focus on Research work. The college has created a learning environment for students with a practically oriented pedagogy with case studies, expert interaction, industry visits, real-time projects and dissertations, competitions, management activities, etc. The students take up projects in their respective fields of study as a part of the curriculum. Classrooms are equipped with ICT and smart boards in the college. Library has around 8000 books for reference and required hard copies of journals. The experts invited from different backgrounds to conduct Guest Lectures & seminars and to share their experiences with the students to update their knowledge. Students are motivated to take part in the different intercollegiate fest and other cultural activities to enhance their abilities.

Besides curricular activities, the students are encouraged to take part in Extracurricular activities and CSR activities like NCC, NSS, Social Awareness, Swachh Bharath, etc. The teachers

are also encouraged to attend seminars, and conferences and present, and publish papers international journals. Incubation Services at Global Academy of Technology. • Access to Physical Facilities/Common Services/ High-Speed Internet Access for Incubation. Access to Intellectual Infrastructure at Host Institute.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

4

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

8

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

71

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

7

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

289

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

11

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

9.76

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

1.1

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The student volunteers visit neighbouring localities and conduct various activities regularly. The extension activities in the neighbourhood community in terms of impact and sensitizing students to social issues and holistic development are organized at Institution in association with NSS Unit. Global Academy of Technology organizes and participates in various extension activities with a dual objective of not only sensitizing the students about various social issues but also contribute to the community and strengthen community participation.

The NSS college unit take part in various initiatives like

- 1.Swachh Bharat initiatives
- 2.Blood donation camps
- 3.Awareness programs
- 4.International Yoga Day
- 5.Farmer's day
6. Covid-19 vaccination drives
7. Garden Installation at PHC

Global Academy of Technology is proud to announce that NCC - National Cadet Corps training has been approved by the government for our esteemed institution. From the academic year 2021-22 onwards, this will be implemented for all eligible students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

0

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

8

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

687

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

5

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

20

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

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 equipments, etc.

The College is set in the prime locality of Rajarajeshwari Nagar in Amidst Halcyon Lush Green Campus. The Organization has a positive approach toward the creation and enhancement of the Infrastructure of the institution. The imposing building and the lush green lawns are wonderful salubrious ingredients for meaningful learning. Every effort has been made at this Campus

to ensure that the building conforms to excellent standards of quality in construction which form an ideal campus for the Centre for Learning. It is ideal for students to hone their academics in an atmosphere of optimism. The infrastructure supports student-centric learning in academic & extra-curricular activities with uncompromising standards of ethical values which helps in the holistic development of students. The college has a state-of-the-art library with books, technical journals, CDs, DVDs, etc. The entire document collection is computerized using the Libsoft package. Lecture Halls: The Lecture Halls are airy, spacious, and well-ventilated, in conformity with standards. Extensive use of audio-visual media enables the students to grasp advanced technology quite easily.

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

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

The cultural committee at GAT KALAPARVA is a highly dynamic and vibrant team with active engagement of all students who are keen on enriching the culture and bringing harmony to the college by conducting cultural events. The team facilitates equal opportunity to all interested students by means of fair selection which provides opportunities for students to involve themselves in various activities like inter-collegiate/VTU cultural activities, Intercollegiate Techno Cultural, department fest, national important days, and Sports facilities. Students are encouraged to participate and excel in sports in order to provide relaxation, channel their energy, nurture competitive spirit, enhance team spirit, and achieve leadership qualities. Our infrastructure, facilities, and superior-quality coaching ensures that students interested in sports are given a platform to train with utmost seriousness and participate in events of importance. Students are happy with their achievements in the sports front, leading the development and nurturing of sportsmanship, character, and leadership skills. Sports facilities include indoor gyms, table tennis courts, and weightlifting. The vast outdoor field is a major attraction to sports lovers as it provides the right ambiance for our students to play Basketball, Cricket, Kho-Kho, Kabaddi, Netball, and

Throw ball.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

58

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

43.52

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

To keep abreast of new developments in information technology, the Library is fully computerized using Libsoft (Web Enabled) package.

Library activities such as acquisition, cataloguing, journal control, Issue>Returns, searching and retrieving of information,

etc are computerized.

A web OPAC(Open Access Public Catalogue) is accessible through LAN and through web which allows members to check the availability of resources sitting inside or outside the college campus and also has a provision of online reservation of books. Through OPAC students and faculty members can access e-resources like e-journals, e-books.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

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

3.78

File Description	Documents
Audited statements of accounts	View File
Any additional information	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 - Usage of library by teachers and students (footfalls and login data for online access)**4.2.4.1 - Number of teachers and students using the library per day during the year**

43191

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Network connectivity provided through an authenticated network access connection or Wi-Fi is governed under the institute's IT policy, the IT infrastructure Department is responsible for the maintenance and support of the Network. problems within the institute's network should be reported to all infrastructure departments.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3486	1144

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development:
Facilities available for e-content development
Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

C. Any two of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

14.95

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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

- The institute regularly maintains the laboratory equipment thereby checking the working status of instruments.
- Annual maintenance for maintenance of computers, laboratory equipment, peripherals, networking, UPS, elevator, DG set, etc. Routine maintenance is carried out by the laboratory instructors and IT team under the

supervision of the system admin.

- Laboratory instructors are maintaining a stock logbook in the laboratory for issuing equipment, components, and manuals to the students. Laboratory instructors update the display of the laboratory timetable, list of experiments, and list of major equipment, lab area, and charts.
- Requirement of new books and journals that are required according to the new syllabus is prepared by the faculty of the department and submit the proposal accordingly through HOD.
- Academic documents such as master timetable, and copy of individual teacher's timetable. Classroom timetable, laboratory timetable, monthly review of a number of lectures and practical conducted by teachers, a copy of CIE test examination timetable, student's feedback reports, etc.
- Sports section headed by physical education director facilities sports, recreation, health check-up etc. For teachers and students. Specific activities like the conduction of sports events, NSS activities, Yoga camps, blood donation drives, etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1418

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

21

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

60

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

407

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

21

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

37

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Students are always a part of various academic and techno cultural activities which provides an opportunity for them to participate in various types of academic and campus activities.

The student representatives are regularly invited to the

Department Advisory committees and BOS Meetings. The Views of students are considered while initiating of new courses, curriculum framing, teaching methodology etc. The students are a part of brainstorm sessions along with the faculties. The students participate in the feedback system to enable the holistic development of the institution.

Few Student Representatives from various branches are invited to Academic Council Meetings. The students are part of service and extension activities through NSS, NCC, clubs etc. The student representatives are also part of IQAC, Anti ragging committee, BoS, Women's Cell, Hostel and other committees. Students form departmental associations and arrange talks from person of eminence from industry. Students are also encouraged to form chapters like CSI, IETE, etc to organize activity based programme for students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

1

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Cell at Global Academy of technology promotes new ideas and innovations in science and technology and continues to be a source of pride to all students, faculty and Alumni. Our mission is to create an environment for the growth of our students in association with our Alumni to generate intellectual

capability, innovation, public services and entrepreneurial capability, which will contribute towards the growth of Science and Technology in partnership with the industry. Our Alumni have always been recognized for their academic integrity and accountability; they have worked hard not just towards the progress of the Nation but have also supported global concerns. We try to inculcate in our students the respect for others and to imbibe the virtue of tolerance towards every individual.

Alumni are included as members in the Board of studies of all departments. They are invited for meetings at the college and they interact with their teachers and express their suggestions on curriculum revision. Few Alumni gave Guest lectures to the existing students on some contemporary technological developments and career guiding focuses.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Global Academy of Technology (GAT) is the flagship Institution of National Education Foundation - NEF, established in the year 2000. NEF has dedicated itself to the cause of imparting quality education in Engineering, Management, Medical Services, Schools, etc. The trust has always believed in developing individuals into responsive social beings in all disciplines. The members of NEF are philanthropists of the highest order. The foundation is headed by Sri D.K Shivakumar as Chairman, Sri Lepaksha as Trustee Secretary and Sri Venkatappa as Additional Trustee Secretary, Sri C. Gangadhara Murthy as Finance Trustee, Sri D. K

Suresh and, Sri K. Srinivas as members.

Institute Vision

Become a premier Institute imparting quality education in Engineering and Management to meet the changing needs of society

Institute Vision

Become a premier Institute imparting quality education in Engineering and Management to meet the changing needs of society

Institute Mission

- Create environment conducive for continuous learning through quality teaching and learning process supported by modern infrastructure.
- Promote Research and Innovation through collaboration with industries
- Inculcate ethical values and environmental consciousness through holistic education programs

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

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The institute believes in and practices decentralization and participative management.

Academic quality assurance by imparting quality education is done by the Teaching and Learning Center.

The governing council is based on participatory management to provide much-needed transparency by including senior faculty as its members.

- The department started assisting the training and placement officer by identifying the core industries for

the respective departments.

- The Principal constituted a committee comprising faculty members and maintenance staff to look after the sanitization and COVID-19 preventive actions on the campus effectively. The following activities were carried out by the team:

Sanitization of physical infrastructures, classrooms, corridors, washrooms, and office areas and maintenance of hygiene.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

1. The Office of the Principal will take care of all admission-related activities using the student information system MIS tool.

2. Skill development programs for students are conducted through the Training Placement cell of the Institute. Students and Faculties participate in various initiatives conducted through ICT Academy. Institute has signed MOU with more than twenty leading and reputed industries and institutions of repute.

3. Human Resources is directly managed by the Principal with the support of Governing Council and Board of Management.

4. Exclusive unit heads work directly under the Principal to provide and maintain all necessary facilities with respect to Library/ Physical Infrastructure.

5. The institute has had a research and consultancy policy for the development of R & D since 2019. The faculty members who are pursuing Ph.D. are encouraged to complete their Ph.D.

6. As GAT is a Tier 2 Institute, semester-end examinations are

conducted by VTU. GAT conducts internal assessment examinations. Students will be provided with 3 IA tests and 1 laboratory test as per the guidelines of VTU.

7. Introduction Choice Based Credit System (CBCS) in practice. Open electives across the programs to enhance the student's knowledge, breadth, and professional competency. The internship is made mandatory in the curriculum.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://gat.ac.in/
Upload any additional information	No File Uploaded

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

Quality policy

Providing Excellent Education Through High Quality, Experienced and Committed Faculty. Evolving creative processes for optimal Knowledge and Skill Transfer.

Building up state-of-the-art infrastructure at par with International standards.

Creating an environment for holistic personality development and developing research temperament.

The top management facilitates the augmentation of necessary infrastructure and provision of financial support to the faculty fraternity and student community. The management constantly encourages and provides motivational support to ensure proper team spirit in contributing towards quality policy.

The principal spearheads the total responsibility of creating necessary facilities for academic and research activities which are in tune with the quality policy of the institute and norms of the regulatory body(ies). He creates a conducive atmosphere for the attainment of intellectual pursuits and to achieve the goals set by the management.

The HoD's and faculty members take the responsibility of bringing efficiency in the teaching-learning process and guidance for the all-around development of the student community along with research activities in thrust areas of science & technology and management.

File Description	Documents
Paste link to Organogram on the institution webpage	https://gat.ac.in/
Upload any additional information	View File
Paste link for additional Information	Nil

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) Documen	View File
Screen shots of user interfaces	No File Uploaded
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institute believes in creating an environment, which allows every faculty member to experiment and develop innovative ideas under the guidance of experts from the Industry and Academia. We develop intellectual capital of our faculty which is the base of any institution, in order to optimize their efficiency through FDPs and other programmes. Institute promotes participation of faculty members in conferences, seminars, faculty development programs with leave and financial assistance. Many teaching and

nonteaching members of the institute are allowed to pursue higher studies supported by liberal HR policies. After obtaining inputs from various committees formed under IQAC, specialized programs are being conducted for enhancing professional competencies of the employees.

Each faculty is appraised on following counts

- Academic performance - feedback from students, twice in a semester and one academic audit in a year
- University examination results and internal tests results in respective subjects
- Participation of faculty in co-curricular and extra-curricular activities
- Participation of faculty in department and institute activities
- Observations of senior professors, HODs, principal and management

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

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

1

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 programmes organized by the Institution for its teaching and non-teaching staff during the year

14

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

96

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

National Education Foundation trust undergoes both Internal and External audits as per the norms of the Institute and Government regularly.

Accounts department headed by Senior Manager maintains financial accounts and prepares all financial statements and submits them to the management. Financial statements for statutory bodies like AICTE, UGC and State Government are prepared and sent by the office of the Senior Manager. The college has both Internal and External audit system.

Finance committee: There is a finance committee constituted as per UGC recommendations and the committee is responsible for the complete financial transactions of the institution.

The Committee verifies Cashbook, Bank accounts, Ledgers, Bills, Vouchers, and statement of cash position and cash flow physically and conducts sample check on the heads of various

accounts, balance dates, and postings.

External Audit: N N Somesh has been the auditor for the Institution from the past two decades. An annual external audit is conducted, and the audited balance sheet of every year is submitted to the management.

Audit of funds received from Government, Non-Government, research funding agencies, and consultancy is done as per the guidelines of the funding agencies as and when required.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

1.5

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

The institute is self financing and therefore major sources of funds for the institute are tuition fee collected from students, corpus fund and institute-social responsibility fund earmarked by the management

The institute also raises or gets funds from the following activities

- Consultancy and testing services
- Funded Research Proposals
- Revenue from professional activities

The same is utilized for carrying out the activity and if it is consultancy, the revenue generated is shared between the institute and department/faculty as per norms of the institute.

Preparation of departmental budgets by heads of the departments.

- Compilation of budgets submitted by departments along with administration budget by the Principal.
- Review of budgets based on priorities in the meeting of Principal and heads of the departments
- Presentation of budget by Principal and approval of the same with modifications if any in the board meeting.
- Allocation of resources to individual departments based on the resolutions of board meeting.
- Review and/or revision of the same in Periodical review meetings.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

IQAC is one of the major policy-making and implementing unit in our college. It strives hard for upgrading the college infrastructure and all support facilities to meet the standards of higher education and the growing need of students. It assesses and suggests the parameters of quality education.

- **Academic Audit through IQAC:** The college takes an academic audit of each department and various committees every year through IQAC to increase and maintain the quality of education. At the beginning of the academic session, the committee collects the academic plan including publication, extension activity, collaboration, innovative and best practices, assignment, ICT-based activity, student competition, seminar, and workshop supposed to organize for better performance. The Committee evaluated

the plan submitted by the departments and committees, twice in an academic session as per the academic plan and reviewed their academic progress. The report of the committee was submitted to the IQAC and the same is put in the College Development Committee for discussion, suggestion, and approval. Due to the implementation of such academic audits, it is found that all departments and committees have been constantly improving their curricular, co-curricular, and extra-cocurricular performances.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

VISION

The Center for Teaching and Learning strives to collaboratively address teaching and learning needs at institution level and prepare students for more meaningful and satisfying lives and work roles and enable economic independence.

MISSION

- Identifying set of skills and values that are essential for developing holistic individuals by continuous assessment and incorporating identified skill sets at each stage of learning.
- Teaching and Learning Centre works diligently to support the student community to meet the learning goals on campus.

OBJECTIVES OF TLC

- Provide support for developing student's learning knowledge and skills.
- Enhance learning supports and improve learning performance through creating a learner-centered.
- Learning environment with more learning opportunities.

- Shape the high quality learning atmosphere among learners, promoting their learning motivation.
- Development of cognitive skills for project based learning outcomes.
- Incorporating intellectual in traditional teaching and learning process.
- Enrich the methodology of teaching and learning process by focusing on analytical and problem solving approaches.
- Prepare a digital library of the relevant lectures (audio/video) of the covered disciplines.
- Help faculty in capacity building for curriculum designing and scientific assessment and evaluation.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

B. Any 3 of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://gat.ac.in/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

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

Institution shows gender sensitivity in providing facilities such as:

1. **Safety and Security:** The Institute believes in gender equality and makes effort towards Gender sensitization. It believes that educated girls are an asset not only for the college and family but also for the whole society. The sensitivity towards the girl students at this institute is carried as follows:
2. **Women Empowerment cell:** Many activities and workshops are organized by Women empowerment cell to empower women. Various moral and religious lectures from time to time, by scholars play a pivotal role in controlling any type of deviant behaviour.

Common Room: Institution has a common room where first aid facility is provided at hand.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

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

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Effective management of waste - either by disposal or recycling, is a critical process for any organization as it impacts the health and environment of not only the people working and residing in the campus but also of those living in the vicinity.

Providing a healthy and safe environment is therefore of utmost priority at Global Academy of Technology

1. Solid Waste Management:

Solid waste management in the campus is accomplished either by inhouse utilization/ consumption or by outsourcing its collection and disposal to an authorised agency. Several bins have been provided across the campus for collection of the solid waste generated at different sources in the campus. These bins are colour coded specific to a category of solid waste, viz.

Green -Biodegradable, organic waste like cooked food, vegetables, fruit, leaves etc.

Blue -Recyclable waste like paper, cartons, cans, metallic items etc.

Collection and disposal of all non-biodegradable solid waste has been outsourced to authorised agencies. The University has tied up with the local Municipal Committee for the disposal of non-degradable solid waste at the dumping yard managed by the District Municipal Committee.

Institution uses plant extract green bags to store waste. These bags are bio degradable and will be dissolved in soil. The thickness of bags is 51 Micron and is non chlorinated.

E- Waste management The College has minimum e-waste. The waste if any is sold to vendors for recycling.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

bodies and distribution system in the campus	
File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping 	B. Any 3 of the above
File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded
7.1.6 - Quality audits on environment and energy undertaken by the institution	
7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities 	A. Any 4 or all of the above

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

<p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</p>	<p>C. Any 2 of the above</p>
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File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

<p>7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).</p>
<p>Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socio economic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other. Commemorative days like Women's day,</p>

Yoga day also promote tolerance and harmony.

NSS @ GAT has organized

1. National farmer's day -A social event at Ramnagara where volunteers visited farm and learned various farming techniques and importance of food they eat.
2. Visit to Goshala - A socio-economic event where students learnt about organic farming, biogas production, manure production and many more.
3. Swachh GAT- Clean Campus - Volunteers cleaned their campus to make it eco-friendly and green as feasible.

Vaccination drive - A social responsibility event organized by Institution where more than 2000 people got vaccinated.

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

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

Global Academy of Technology sensitizes the students and the employee of the institution to the constitutional obligations about values, rights, duties and responsibilities of citizens which enables them to conduct as a responsible citizen. Institution also celebrates Independence Day, Republic Day, Gandhi Jayanthi to make the importance of freedom and the glory of Indian freedom struggle. They aim at highlighting the constitutional spirit of liberty, equality, justice and fraternity. Moreover, the university organises Blood Donation Camps to ensure that precious lives are saved, celebrates women day to mark the achievements of women throughout history. Celebrates World Environment Day to ensure that environmental concern is addressed and the importance of cleanliness.

Students study a course on Constitutional Intellectual Property rights which enables to understand rights, duties and social values.

Institute has also placed Constitution of India book at the entrance so that it can be read by each and every person and

understand rights and duties.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	No File Uploaded
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

B. Any 3 of the above

File Description	Documents
Code of Ethics - policy document	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, 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

Institution celebrates and organizes various national and international commemorative days, events, and festivals to inculcate the spirit and essence of the Day among the learners.

National Farmer's Day - 23rd December 2020

Independence Day - 15th August 2021

Teacher's Day - 5th September 2021

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

1. Title of the Practice: MENTORING SYSTEM FOR STUDENTS: To minimize dropouts, improve performance and reduce the stress of the students through personal counseling.

2. Title of Best Practice: TEACHING - LEARNING PROCESS:

Goal:

- To ensure the completion of the syllabus according to the academic calendar of the College
- To encourage teachers to adapt to advance pedagogical methods including ICT adoption in classroom teaching
- To improve pass percentage, and average marks in each semester and enhance the number of ranks bagged by the college at the university level examinations
- To increase the placement of college as the quality of students would be improved.

File Description	Documents
Best practices in the Institutional website	https://gat.ac.in
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Our vision is to be a premier institution in engineering and technology and management with competency, values, and social consciousness. Global Academy of Technology Technology is a consistently motivating, support platform for students to exhibit their skills and knowledge in various competitive Technical Events. Our institute has arranged various technical events and awareness programs to increase the competency level. High-quality academic excellence covers the way for the desired outcomes of conceptual learning and technical competency among students. This is achieved through curriculum design in tune with the global requirement blended with innovative teaching-learning methods. Motivating and supporting the students in various technical programs and activities, guest lectures, and workshops through technical associations and forums namely ISTE, IETE, and CSI enables them to develop their technical competency to work towards their career aspirations and opportunities and to achieve their desired academic and career goals. Students are educated on courses offered through MOOCS (NPTEL NOC, Coursera, etc.,) in each of the semesters in tune with the courses offered throughout the semester. Innovation and Design: The institute's vision to empower students towards innovation and design is visualized through their active participation in national-level competitions like hackathons, paper presentations, etc.

File Description	Documents
Appropriate link in the institutional website	Nil
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To recruit and retain well-qualified motivated faculty.
2. To provide amenities and sports facilities in harmony with nature
3. To provide holistic value-based education and inculcate entrepreneurial abilities in students to face the challenges of the corporate world.
4. To arrange career guidance programs.
5. To obtain a better NIRF Ranking

