Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**GLOBAL ACADEMY OF TECHNOLOGY**
Name of the head of the Institution	**N Rana Pratap Reddy**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08028603158**
Mobile no.	**9591510211**
Registered Email	**principal@gat.ac.in**
Alternate Email	**info@gat.ac.in**
Address	**Ideal Homes, Rajarajeshwarinagar**
City/Town	**Bengaluru**
State/UT	**Karnataka**
Pincode	**560098**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Santosh M Muranal**
Phone no/Alternate Phone no.	**08028603158**
Mobile no.	**9886673000**
Registered Email	**murnal.santosh@gat.ac.in**
Alternate Email	**murnal.santosh@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.gat.ac.in

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.gat.ac.in/?page_id=5314

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.09**	**2017**	**30-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC	**23-Aug-2016**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Project based learning	**24-Jun-2019** **30**	**50**
CORRECTIVE ACTION and PREVENTIVE ACTION (CAPA)	**03-Dec-2018** **365**	**170**

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Civil Engineering	RGF	Vision group of science and technology (VGST)	2019 1090	500000
Civil Engineering	RESPOND	Indian Space Research Organisation (ISRO)	2019 600	3944000
Civil Engineering	BPS planning	Directorate of Urban Land Transport, Govt. of Karnataka	2019 5	36000
Civil Engineering	Traffic studies	Directorate of Urban Land Transport, Govt. of Karnataka	2019 180	450000
		[View File](#)		

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

Incubation center

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

Plan of Action	Achivements/Outcomes
Incubation center estabishment	Incubation center established and work initiated

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Board of Governers	02-Nov-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	02-Nov-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	26-Mar-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Management Information System operating in the Institute CONTINEO. The present modules are 1. Students management Attendance, results 2. Counseling 3. Grievances 4. Notice board

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

    GAT is presently affiliated to VTU, Belagavi and receives the Calendar of
Events from it. Once received, Office of the Principal in consultation with the
       academic heads and supporting departments/centres/units, develops

institutional/college COE. It is then shared with all departments to develop departmental calendar before commencement of the semester. Entire curricular co and extracurricular activities of the departments are planned in departmental COE. To enhance utility, semester level calendar is framed such that teaching-learning process is accomplished along with co and extra-curricular events. Teaching learning Process: The process of Teaching – Learning followed by the department is as follows: The Head of the Department conducts a faculty meeting in the beginning of every semester to address the following: Subject allotment based on their preferences and Competency Guidelines for effective Teaching and Monitoring in the class Importance of taking Tutorial Class Based on subjects allotted, Time Table will be prepared by the time table Coordinator and lesson plan document is prepared by each Course Coordinator. Identification of Weak and Bright students are identified at course level. Each faculty is allotted with a set of students to counsel them before every Internal Assessment to observe the overall progress of the student. Students found with severe issues are identified and addressed to the professional counselor appointed in the institute. Periodic Monitoring of student's attendance, Internal Assessment marks are made by each faculty as well as Class In-charge and intimated to their parents through both SMS and call. Once the Semester End Exams are over, performance of the students of each semester is analyzed and is documented.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Nil	Nil	01/01/2018	0	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	NIL	10/08/2018
[View File](#)		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	ME, CV, EE, CS, EC, IS	01/08/2018
Mtech	Structural Engg, Thermal Engg, Computer Science Engg Digital Electronics	01/08/2018
MBA	MBA	01/08/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Two days workshop on "Analog Design Blended	08/02/2019	50

	Learning"		
Two days Workshop on Python programming	01/03/2019		42
SCADA LAB	11/11/2019		4
[View File](#)			

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Electronic Engineering	176
BE	Computer science	178
BE	Information science	41
BE	Electrical and electronics	51
BE	Mechanical Engineering	121
BE	Civil Engineering	127
[View File](#)		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
Student Feedback is one of the parameter to measure the performance of teachers in classrooms in Teaching Learning Process. The student feedback is taken at two levels 1. At the mid of the semester, offline feedback is collected from the students (Class committee meeting). 2. At the end of the semester, students give online feedback through Contineo software. The Faculty feedback is given by the students based on the level of preparation, presentation, motivation, ambience, clarity, discipline, punctuality, completeness, tests and relationship Action taken on student feedback 1 Faculty whose feedback grade is 4.0 and above are appreciated for their efficient teaching. 2 Faculty whose feedback grade is between 3.0 and 3.5 are instructed to improve the teaching, interact more with students and clear the concepts. They are also suggested to develop good communication skills. 3 If the Feedback grade is between 1.0 and 2.0, immediate replacement of the faculty will be made by Head of the Department to ensure quality teaching to the students. Alumni, employer and parent feedback is taken once in a year and their feedback is taken for improvement in teaching learning and towards overall personality development of the students

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Civil Engineering	120	130	127
BE	Computer science	180	200	185
BE	Electronics and communication engg	180	199	186
BE	Mechanical Engineering	120	130	127
BE	Electrical and Electronics	60	60	59
BE	Information Science	60	70	63
MBA	MBA	120	125	119
Mtech	Structural Engineering	18	18	17
Mtech	Thermal Engineering	18	2	2
Mtech	Computer science	24	1	1
Mtech	Digital Electronics and communication	24	2	2
[View File](#)				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	3066	282	179	20	5

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
178	111	15	45	0	15
[View File of ICT Tools and resources](#)					
[View File of E-resources and techniques used](#)					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes - Mentoring system is available at GAT. A dedicated counseling center spearheads all activities of the center with trained faculty members from every department. Through the center, students are facilitated to overcome all impediments coming in way of learning and performance in examination. Need based analysis is undertaken to identify students who are in need of counseling. During various stages of counseling, parents of the students are also involved to make the efforts more effective

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3000	170	1:20

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
200	193	7	6	3

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Anandthirtha B Gudi	Professor	Kannada Rajarajeshwari Award
2019	Anitha Sastry	Assistant Professor	Outstanding woman in Engineering
2019	Anitha Sastry	Assistant Professor	Best project of the year
[View File](#)			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	1GA	Semester	17/06/2019	20/07/2019
[View File](#)				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

As the Institute is affiliated to Visvesvaraya Technological University, the internal evaluation system is guided by university regulations.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The University publishes Academic Calendar at the beginning of every semester that includes the commencement of semester, last working day of the semester, semester end practical and theory examinations and also commencement of next semester. College Calendar is prepared every semester according to the guidelines of the university. This includes the schedule of three Internal Assessments and details of public holidays in addition to the details provided

2.6 – Student Performance and Learning Outcomes

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

http://www.gat.ac.in/?gat_departments=computer-science-engineering

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
CV	BE	Civil Engineering	119	115	97
CS	BE	Computer Science Engineering	171	168	98
EC	BE	Electronics and Communication Engineering	175	172	98
IS	BE	Information Science Engineering	38	37	98
EE	BE	Electrical and Electronics Engineering	51	51	100
ME	BE	Mechanical Engineering	113	111	98

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://www.gat.ac.in/wp-content/uploads/2020/01/Student-Satisfaction-Survey-2019-Report.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	7	Directorate of Urban Land Transport, Govt. of Karnataka	0.36	0.36
Students Research	180	KSCST	0.06	0.06

Projects (Other than compulsory by the University)				
Students Research Projects (Other than compulsory by the University)	180	KSCST	0.06	0.06
Major Projects	1090	ISRO	39.71	19.44
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Nil	Nil	30/08/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Contribution and achievement in the field of electronics and communication	Anitha S Sastry	centre of advanced research and design	03/03/2019	VIWA 2019
Gesture control multifunction robotic limb using muscle sensor	Anitha S Sastry	KSCST	20/06/2019	42ND SERIES OF SPP
The solar powered car	Team Rudhra	Dynamist Motor sports in association with REVA University	24/02/2019	Best Business plan
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	01/01/2019
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded

Computer Science and Engineering	2
Department of Basic Science	2
Mechanical Engineering	3
Civil Engineering	2
Electronics and Communication Engineering	1
Electrical and Electronics Engineering	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science	8	4.45
International	Chemistry	7	2
International	Information Science	21	5.5
International	Mechanical Engineering	18	1.5
International	Civil Engineering	6	2
International	Electrical and Electronics Engineering	2	5.5
International	Electronics and communication engineering	23	4.5
International	Physics	1	0.45
	View File		

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

Department	Number of Publication
Computer Science	10
Information Science	11
Mechanical Engineering	3
Civil Engineering	2
Electrical and Electronics Engineering	5
Electronics and communication engineering	2
Physics	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Charan R, Akash	Prediction of Thyroid	Journal of Emerging T	2019	0	Global Academy of	0

Yadav M, Aprameya N Katti, Mohith P, Haseeba Yaseen	Disease Based on Classification Using Hierarchical Structure	echnologies and Innovative Research			Technology	
Pooja S, Poojitha P, Prarthana K R, Inchara D C, Vanishree M L	A Deep Learning Approach for Product Recommendations with consolidated Analysis	Journal of Emerging Technologies and Innovative Research	2019	0	Global Academy of Technology	0
Chandana N, Abhishek R, Anusha I Asundi, Darshan S, Vanishree M L	Traffic Management using Image Processing	International Journal of Innovative Research in Computer and Communication Engineering	2019	0	Global Academy of Technology	0
Kumaraswamy Siddagangaiah, Mydhili Krishnan Nair	Meta-heuristic Techniques for Placement of Virtual Machines in Distributed Cloud Centers	International Journal of Intelligent Engineering Systems	2019	0	Global Academy of Technology	0
Niveditha G Aithal, Minugu P, Monica Ashwini Kumar, Manjula T, Asha R N	An Intelligent Robot For Security In Borders	Journal of Emerging Technologies and Innovative Research	2019	0	Global Academy of Technology	0
Manikantan . E, Bhavana V, Niveditha S. Prasad, Nandan K, Asha R N	An Approach to Classify Heritage Sites Architecture Using Convolution Neural Networks	International Journal for Research in Applied Science Engineering Technology	2019	0	Global Academy of Technology	0

Comparative Study of Methodologies for Home Automation System A Survey	Sangeetha S.P, Snigdha Sen	International Journal of Computer Sciences and Engineering	2019	0	Global Academy of Technology	0
Cyber Security Techniques for various cyber attacks	Rashmi B H	Journal of Emerging Technologies and Innovative Research	2019	0	Global Academy of Technology	0
Survey Paper on IoT based Smart Intelligent Toilet using SVM and Regression Algorithms	Vasudha K, Yashaswini S, Dr. Ashwini K	International Journal of Computer Applications	2019	0	Global Academy of Technology	0
Stock Market Prediction using Linear Regression and Support Vector Machines	Vaishnavi Gururaj, Shriya V R, Dr. Ashwini K	International Journal of Applied Engineering Research	2019	0	Global Academy of Technology	0
			View File			

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
View File						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	9	16	0	0
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
HEALTH CAMP 2019	Lions Club and Indian Red Cross Society	50	100
"Let's go green to keep our campus Clean" Swatch GAT	NSS	7	45
International Yoga Day	NSS	65	5

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	0

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Water resource Managment	Bangalore Environment Trust	Water body survey, water quality assessment	4	16

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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Workshop	83	Self	5
Internship	17	Self	30
Summer school	1	self	60
FDP	74	self	13

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industry	internship	TRESBU Technologies	20/04/2019	31/07/2019	Students and Faculty

		Pvt. Ltd. Bengaluru			
Institute	internship, training, project work, research	IIIT-A	11/03/2019	31/07/2019	Students and Faculty
Industry	internship, training, project work, research	Infosys Ltd. Bangalore	29/01/2019	31/07/2019	Students and Faculty
Industry	internship, training, project work, research	TEQUED Labs PVT LTD.	02/08/2018	31/07/2019	Students and Faculty
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
TEQUED Labs PVT LTD.	29/10/2018	internship, training, project work, research	30
Infosys Ltd. Bangalore	29/01/2019	internship, training, project work, research	40
IIIT-A	11/03/2019	internship, training, project work, research	50
TRESBU Technologies Pvt. Ltd. Bengaluru	20/04/2019	Consultancy	5
Advanced Electronics Systems	07/01/2019	Internship	5
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1900	1747.66

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	Newly Added
Laboratories	Newly Added
Classrooms with LCD facilities	Newly Added

Classrooms with Wi-Fi OR LAN	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Libsoft	Fully	10.0	2009

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	24645	6594837	1525	589936	26170	7184773
Reference Books	6012	1564878	155	30237	6167	1595115
Journals	54	115263	6	24983	60	140246
e-Journals	8316	2091250	295	372000	8611	2463250
Digital Database	7	0	2	0	9	0

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Prakash Rao C	Iron Carbon diagram	YouTube	28/11/2018
Sharath S	Machine shop Practice	YouTube	30/01/2019
Gurunagendra	Material Testing lab	YouTube	22/01/2019
Gurunagendra	UTM tensile testing	YouTube	22/01/2019

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	885	14	100	1	0	20	10	100	0
Added	259	6	0	0	0	0	0	0	0
Total	1144	20	100	1	0	20	10	100	0

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Kahoot, Hot Potatoes, Mentimeter, Quiz on CMS, Microsoft office, Youtube, UNaccademy	http://www.gat.ac.in/

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
220	209	220	221

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Infrastructure facilities, construction and upkeep - Management/estate office Academic and laboratories - respective departments Central facilities (Library, sports, computers etc.) - Respective heads/coordinators supervised by Principal

http://www.gat.ac.in/?page_id=9

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	nil	0	0
Financial Support from Other Sources			
a) National	KMDC,BEM/SWD	1547	40795000
b)International	Nil	0	0
View File			

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Progressive Training Program Phase 2 Aptitude Softskill	27/05/2019	120	SEVENTH SENSE PEOPLE DEVELOPMENT SOLUTIONS PVT. LTD
Progressive Training Program Aptitude Phase4	24/04/2019	792	QUANT MASTER TRAINING SERVICES, SEVENTH SENSE PEOPLE DEVELOPMENT SOLUTIONS PVT. LTD
Progressive Training Program Softskill Phase 2	18/03/2019	782	TALENTEASE

Progressive Training Program Aptitude Phase 2	13/03/2019	782	BIZOTIC TALENT SOLUTIONS	
Progressive Training ProgramPhase 1 Aptitude Softskill	02/01/2019	119	EDUVANCE MANTRA	
Mock Interview – Company specific – test/assessment, GD, JAM, Interview skills as per the companies requirement	25/09/2018	118	STEP UP LEARNING SOLUTIONS	
Pre Placement Training Program	13/08/2018	685	SEVENTH SENSE PEOPLE DEVELOPMENT SOLUTIONS PVT. LTD SMART TRAINING RESOURCES INDIA PRIVATE LIMITED	

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Infosys HackWithInfy Hackathon	0	14	0	2
2018	TCS Global Quiz – Codevita Round -1	0	10	1	4
2018	Scholar @ SAP program with BITS Pilani	0	72	0	1
2018	Seminar/Work shop on Aptitude - Career Counselling Session	0	396	7	130
2018	Awareness Session -Enterprise Technology & Data Centre Architecture- Abstream	0	120	0	17

	Technologies				
2018	Higher studies at Japan- Career Counselling Session- Silverpeak Global	0	317	0	4
2019	LEX PLATFORM – Introduction Infosys	0	43	0	1
2019	Byju's Seminar on profile building and higher education	0	367	4	2
2019	TECHgium 2018-19 L&T Technology Services Limited	0	21	0	2
2019	Workshop – on shortcuts in Aptitude & Quants Mr. Himanshu, an expert in Aptitude & Quantitative shortcuts	0	78	2	5
2019	Hackathon-"C ode For Good" NTT Data Services	0	5	0	3
2019	Webinar / Campus visit talk series 2019 Mindtree	0	62	0	2
2019	Short session (1 hour) on online learning platform "In fyTQ".Infosy s	0	118	1	1
			[View File](#)		

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	60

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GRE	5
GATE	2
CAT	0
Any Other	16
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sports - 03	State	45
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	35th Senior national Netball Ch ampionship National	National	1	0	1GA14CS082 1GA16EE048 1GA17EC137	Nischitha Sinchana Sindhu G
2018	12th South Zone	National	1	0	1GA17EC137 1GA16CS148	Sindhu G Siri Yadav

2018	Malaysian Independent International Throw ball club	International	1	0	1GA18ME010 1GA18CV122	S Akash U Vinay Shetty
2018	Malaysian Independent International Throw ball club	International	1	0	1GA18ME075	Pavan R
2019	World Throw ball Malaysia Independent championship	International	1	0	1GA18ME075 1GA19ME028 -T	Pavan R Varshith
2019	Senior National Netball Championship	National	1	0	1GA17EC137	Sindhu G
2019	Inter zone national netball Championship	National	1	0	1GA16CS148	Siri Yadav S
2019	Senior National Netball Championship	National	1	0	1GA17CV093 1GA18CV122 1GA18ME010	Suhas Gowda Vinay S Shetty Akash U

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

Students are the members of Internal Quality Assurance cell, cultural committee, hostel and anti-ragging committees.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

0

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500

words)

The academic quality assurance by imparting quality education is done by Teaching and Learning center. The Governing Council is based on participatory management to provide much needed transparency by including senior faculty as its members

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Office of the Principal will take care of all admission related activities using student information system MIS tool
Industry Interaction / Collaboration	A senior faculty at the Institute will facilitate all requirements of internship interaction or collaboration with Industries
Human Resource Management	It is directly managed by Principal with support of Governing Council and board of management
Library, ICT and Physical Infrastructure / Instrumentation	Exclusive unit heads work directly under Principal to provide and maintain all necessary facilities
Research and Development	Dean RD is exclusively working in respect of research and development at the institute level to guide all the faculty of the Institute
Examination and Evaluation	As GAT is Tier 2 Institute, semester end examinations are conducted by VTU. GAT conducts internal assessment examination. Students will be provided with 3 IA tests and 1 laboratory test as per guidelines of VTU
Teaching and Learning	GAT has dedicated TLC headed by an experienced senior professor to train and guide faculty members for effective teaching learning process
Curriculum Development	GAT is a Tier 2 Institute affiliated to VTU and hence curriculum content is as prescribed by VTU

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

E-governace area	Details
Planning and Development	Partial
Administration	Partial
Finance and Accounts	Partial
Student Admission and Support	Managed by Contineo (MIS tool)

Examination	Managed by Contineo (MIS tool)

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	NIL	NIL	NIL	0

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	FDP on Artificial Intelligence and Machine learning	NIL	01/07/2019	13/07/2019	74	0
2019	CNC Part Programming Module – Turning Center	One Day Training on operating CNC Turning Center, GAT	29/04/2019	29/04/2019	5	2

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

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

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
6	6	6	6

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students

Provident fund, Gratuity, Group insurance	Provident fund, Gratuity, Group insurance	Group insurance

6.4 – Financial Management and Resource Mobilization

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

NEF trust undergo both Internal and Extrernal audits as per the norms of the Institute and Government regularly

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	NIL

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6.4.3 – Total corpus fund generated

31203444.34

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	GAT IQAC
Administrative	Yes	Somesh Co.	No	

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

Pre-admission counseling of students with parents will be conducted every year. Parents-Teacher meet in every semester and students performance will be discussed with parents

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

Support staff will be provided with opportunity for higher studies They are sent for training program on need basis

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

1. Improvement in student-teacher ratio 2. Improved training facilities for placements 3. Internal training programs for teachers on teaching learning process including outcome based education

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Teaching Learning	23/07/2018	23/07/2018	01/08/2019	170

Center				

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Nil	01/08/2018	31/07/2019	0	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
100 percentage - Power requirement is 16000 kwh and power generated by solar system is 20000 kwh

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Ramp/Rails	Yes	0
Rest Rooms	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	0	1	05/06/2019	1	Tree plantation	Environment	500

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Nil	30/08/2019	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Nil	30/08/2019	30/08/2019	0

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

Waste water treatment and recycling Solar energy Green cover

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Counseling of prospective students at the time of admission by the head of the institution in the presence of parents Internship for students at premier Institutes Dedicated teaching learning, industry institute interaction and counseling center

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

http://www.gat.ac.in/?page_id=16

7.3 – Institutional Distinctiveness

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

Placements - Student internship

Provide the weblink of the institution

http://www.gat.ac.in/?page_id=5375

8.Future Plans of Actions for Next Academic Year

Autonomy Status to the Institute Improvement in results and placement of students Increase in MoUs with higher learning Institutes and Industries. Live projects, Research collaboration and internship for faculty and students in higher learning institutes and industries