

# **The Annual Quality Assurance Report (AQAR) 2016-17**

**Submitted to  
National Assessment and Accreditation Council  
(NAAC)**



## **Gandhi Institute of Technology and Management (GITAM)**

**(Estd. u/s 3 of the UGC Act, 1956)**

**Accredited by NAAC With 'A+' Grade**

**Gandhinagar Campus, Rushikonda, Visakhapatnam-530 045,  
A.P., India**

**Annual Quality  
The Annual Quality Assurance Report (AQAR) of the IQAC**

Part – A

**I. Details of the Institution**

1.1 Name of the Institution

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)

1.2 Address Line 1

Gandhinagar

Address Line 2

Rushikonda

City/Town

Visakhapatnam

State

Andhra Pradesh

Pin Code

530045

Institution e-mail address

**registrar@gitam.edu**

Contact Nos.

0891-2840 501, 2795 311

Name of the Head of the Institution:

**Prof. M. S. Prasada Rao**

Tel. No. with STD Code:

0891-2840202

Mobile:

8096241234

Name of the IQAC Co-ordinator:

**Prof. P. V. Nageswara Rao**

Mobile:

**94409 45789**

IQAC e-mail address:

**director\_iqac@gitam.edu**

1.3 NAAC Track ID (For ex. MHCOGN 18879) : **APUNGN10164**

1.4 Website address:

**www.gitam.edu**

Web-link of the AQAR:

**<http://iqac.gitam.edu/images/AQAR-2016-17.pdf>**

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	<b>A</b>	<b>3.20</b>	<b>2011</b>	<b>5 years (up to 15-9-2016)</b>
2	2 <sup>nd</sup> Cycle	<b>A<sup>+</sup></b>	<b>3.53</b>	<b>2017</b>	<b>5 years (up to 22-3-2022)</b>

1.6 Date of Establishment of IQAC: DD/MM/YYYY

**10/08/2009**

1.7 AQAR for the year (for example 2010-11)

**2016-17**

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR 2015-16 submitted to NAAC, Bengaluru on 07-02-2017
- ii. AQAR 2014-15 submitted to NAAC, Bengaluru on 09-04-2016
- iii. AQAR 2013-14 submitted to NAAC, Bengaluru on 14-05-2015
- iv. AQAR 2012-13 submitted to NAAC, Bengaluru on 13-02-2015
- v. AQAR 2011-12 submitted to NAAC, Bengaluru on 30-09-2012

### 1.9 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

### 1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

Pharmacy, Humanities, Architecture

### 1.11 Name of the Affiliating University (*for the Colleges*)

NA

### 1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input checked="" type="checkbox"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other ( <i>Specify</i> )	<input type="text" value="TEQIP PHASE -II"/>
UGC-COP Programmes	<input type="text"/>		

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="8"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="5"/>
2.3 No. of students	<input type="text" value="4"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="2"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="0"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>
2.8 No. of other External Experts	<input type="text" value="0"/>
2.9 Total No. of members	<input type="text" value="21"/>

2.10 No. of IQAC meetings held : 10

2.11 No. of meetings with various stakeholders: No.  Faculty

Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes

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#### 2.14 Significant Activities and contributions made by IQAC

1. The NAAC Peer Team consisting of 10 members chaired by Prof. Dr. Avinash. C. Pandey and Prof. Dr. Shailendra Saraf, Member coordinator-NAAC, visited the University for the Cycle 2 Accreditation from 20-22 Feb, 2017.
2. An ISO team lead by Mr. Chalapathi, Lead Auditor from TUV-SUD, South Asia Pvt. Ltd., audited the University campus and is accredited with ISO 9001:2015 for Quality Management.
3. The University is ISO 14001:2015 (Environmental Management) & ISO 27001:2013 (Information Security Management) certified.
4. The IQAC has prepared NAAC SSR and submitted for second cycle of Accreditation
5. The IQAC has furnished necessary data for the NIRF 2017 rankings.
6. The IQAC coordinated for the process of ISO certification.

#### 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Plan of Action	Achievements
1. Second cycle of NAAC Accreditation	The University was accorded with A+ grade for the NAAC during second cycle of accreditation.
2. ISO certifications in ISO 9001:2015, ISO 14001:2015, ISO 27001:2013	The University has received all the ISO certifications as per the requirements.
3. Submission of NIRF 2017 ranking.	The University has security 89 <sup>th</sup> position in the university category.
4. Academic Audit for the year 2016-17	The Audit has been conducted successfully.
5. To start B.Sc. Nursing Programme and M.Tech. (Data Science)	The course has been started with good number of students.
6. To initiate collaborative programs with Reddy Labs and Laurus Labs	The programmes have been started with MOU to offer for the students.

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body      Yes       No   
Management       Syndicate       Any other body

Provide the details of the action taken

The AQAR was placed before the Board of Management & IQAC advisory meeting for approval.  
The Board of Management appreciated the efforts of the IQAC.

**Part – B**  
**Criterion – I**

**I. Curricular Aspects**

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph.D.	21	0	21	
PG	43	15	58	
UG	33	11	44	
PG Diploma	2	7	9	
Advanced Diploma				
Diploma	1	6	7	
Certificate	7	23	30	
Others (M.Phil./Int. B.Tech+ M.Tech)	19	2	21	
<b>Total</b>	126	64	190	
Interdisciplinary	0			
Innovative	2			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

a) CBCS from 2015-2016 batch

b) Sophomore – Elective System

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	95
Trimester	06
Annual	03

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

*\*Please provide an analysis of the feedback in the Annexure*



1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

- ❖ CBCS has been implemented
- ❖ Syllabus is thoroughly revised in all most all the courses including the latest advancements.
- ❖ Introduction of Departmental workshops.
- ❖ Introduction of Open Electives such as Foreign languages, Engineering Projects in Community Service, etc.,
- ❖ Introduction of acceleration of course work.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

- ❖ School of Gandhian Studies to offers courses related to Gandhian Philosophy
- ❖ Institute of Nursing to offer nursing programmes
- ❖ School of Sciences, Hyderabad
- ❖ FinTech Academy
- ❖ Skill development centers such as IBM, CISCO Networking Academy, Virtusa / Polaris, Hitachi Solutions, Innovation Centre, Computer Aided Engineering, Digital Manufacturing, Reverse Engineering in Hyderabad Campus.

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of Permanent faculty	<b>Total</b>	<b>Asst. Professors</b>	<b>Associate Professors</b>	<b>Professors</b>	<b>Others</b>
	1214	876	148	127	63

2.2 No. of permanent faculty with Ph.D. 407

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	70	06	09	04	35	02	0	0	114	12

2.4 No. of Guest and Visiting faculty and Temporary faculty 209 80 0

2.5 Faculty participation in conferences and symposia :

No. of Faculty	International level	National level	State level
Attended Seminars/	72	335	3
Presented papers	64	38	04
Resource Persons	84	236	12

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- a. Smart boards in class rooms are installed in effort to ease and enhance the teaching and learning experience
- b. MOOCS courses are encouraged among the faculty and students.
- c. The University has provided a facility called HPC that helps the students and faculty to perform massive computing research jobs related to Market / Finance Predictions, Block chain algorithms, Environmental predictions, Computational chemistry, Bio-informatics etc.,

2.7 Total No. of actual teaching days during this academic year 208

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Subject/paper wise Chief Examiners are appointed to monitor Spot Valuation process.
- Payment of examination fee and submission of examination applications, preparation of gallies, hall tickets, scanning of bar coded answer books, online transfer of continuous evaluation marks, processing and tabulation of results, printing of Grade

Cards and Provisional Certificate cum Memorandum of Grades (PCMG), etc., are all computerized.

- All Certificates are issued on pre-printed stationery with several security features such as Penetrating Ink, HR Border, UV Printing, Rainbow Printing, Water Mark, COPY Pantograph, Micro Line, Nano Printing, Opaque Text, Endorsement Number, Gold Foil, A4 Size on 110 GSM Luc Key parchment paper, A4 Size on 230 GSM Textured Paper.
- Mobile alert system introduced for results announcement of the candidate.

2.9 No. of faculty members involved in curriculum restructuring/ revision/ syllabus development as member of Board of Study/Faculty/Curriculum Development workshop : 520

2.10 Average percentage of attendance of students

88-90 %

2.11 Course/Programme wise distribution of pass percentage:

<b>Course/Programme wise Distribution of pass percentage : 2016-17</b>					
<b>Visakhapatnam –Main Campus</b>					
<b>Title of the Programme</b>	<b>Total no. of students appeared</b>	<b>Division</b>			
		<b>Distinction %</b>	<b>I %</b>	<b>II %</b>	<b>Pass %</b>
B.Tech. (Biotechnology)	45	40.00	42.22	8.89	91.11
B.Tech. (Civil)	192	19.27	45.83	26.04	91.15
B.Tech. (CSE)	578	37.54	37.54	20.24	95.33
B.Tech. (ECE)	587	33.73	39.18	18.57	91.48
B.Tech. (EEE)	245	23.67	45.31	20.00	88.98
B.Tech. (EIE)	81	9.88	50.62	30.86	91.36
B.Tech. (IT)	138	21.02	37.68	34.78	93.48
B.Tech. (Mech)	258	36.82	37.21	15.12	89.53
B.Tech. (IE)	8	0.00	75.00	12.50	87.50
B.Arch.	34	26.47	38.24	20.58	85.29
M.Tech. (CAD/CAM)	4	50.00	25.00	0.00	75.00
M.Tech. (CST)	15	40.00	20.00	0.00	60.00
M.Tech. (ES)	9	88.89	11.11	0.00	100.00
M.Tech.(IEM)	7	100.00	0.00	0.00	100.00
M.Tech. (Machine Design)	17	64.71	11.76	0.00	76.47
M.Tech. (PSA)	9	77.78	11.11	0.00	88.89
M.Tech. (SENDM)	17	89	11	0.00	100
M.Tech. (VLSI Design)	18	50.00	27.78	0.00	77.78
MCA	19	42.11	42.11	5.26	89.47
M.Sc.(Analytical chemistry)	1	100	0.00	0.00	100
M.Sc. (Env. Science)	5	100.00	0.00	0.00	100.00
M.Sc.(Electronic Science)	6	0.00	66.67	16.67	83.33
M.Sc. (Physics)	6	33.33	16.67	0.00	50.00
M.Sc.(Biochemistry)	6	83.33	0.00	0.00	83.33
M.Sc.(Applied Mathematics)	10	30.00	40.00	0.00	70.00
M.Sc. (Organic Chemistry)	1	100	0.00	0.00	100
M.Sc. (Microbiology)	16	37.50	50.00	0.00	87.50
M.Sc. (FST)	11	54.55	45.45	0.00	100.00
M.Sc. (Biotechnology)	28	21.43	50.00	3.57	75.00
Int. M.Sc. (Biotechnology)	10	30.00	20.00	0.00	60.00
BEM	9	33.33	22.22	0.00	55.56
BCA	39	15.38	28.21	30.77	74.36

B.Pharmacy	36	36.11	41.67	2.78	80.56
M.Pharmacy	6	100.00	0.00	0.00	100.00
MBA	152	5.92	55.26	25.00	86.18
MBA(CMU)	9	0.00	22.22	11.11	33.33
MHRM	12	0.00	58.33	8.33	66.67
BBM	81	7.41	27.16	35.80	70.37
IMBA	39	0.00	17.95	41.03	58.97
BBA (Hons.)	29	0.00	27.59	51.72	79.31
B.Com (Hons.)	40	15.00	22.50	50.00	87.50

<b>Course/Programme wise Distribution of pass percentage: 2016-17 Hyderabad –Off Campus</b>					
Title of the Programme	Total no. of students appeared	Division			
		Distinction %	I %	II %	Pass %
B.Tech.(Aeronautical Engg.)	8	12.50	25.00	25.00	62.50
B.Tech. (Civil)	73	16.44	32.88	38.36	87.67
B.Tech. (CSE)	408	20.59	37.50	28.92	87.01
B.Tech. (ECE)	457	25.60	49.45	18.60	93.65
B.Tech. (EEE)	46	23.91	41.30	21.74	86.96
B.Tech. (Mech)	300	11.00	35.67	36.33	83.00
M.Tech. (CST.)	5	80.00	20.00	0.00	100.00
MBA	62	25.81	56.45	16.13	98.39

<b>Course/Programme wise Distribution of pass percentage: 2016-17 Bengaluru –Off Campus</b>					
Title of the Programme	Total no. of students appeared	Division			
		Distinction %	I %	II %	Pass class %
B.Tech. (Civil)	25	16.00	24.00	24.00	64.00
B.Tech. (CSE)	57	17.54	31.58	26.32	75.44
B.Tech. (ECE)	100	24.00	20.00	30.00	74.00
MBA	72	12.50	26.39	26.39	65.28

## 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

The IQAC continuously monitors the quality of teaching learning process by way of conducting Academic staff appraisal process at the end of every academic year. The periodic reports submitted by the IQAC to the Institutional Heads and the review meetings conducted regularly helped the university significantly to monitor the progress and to initiate the kind of measures that can be taken to improve the quality of teaching and learning process.

An online feedback mechanism is developed to collect the student feedback on faculty

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	336
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	28
Faculty exchange programme	--
Staff training conducted by the university	68
Staff training conducted by other institutions	108
Summer / Winter schools, Workshops, etc.	255
Others	50

### 2.14 Details of Administrative and Technical staff

<b>Category</b>	<b>Number of Permanent Employees</b>	<b>Number of Vacant Positions</b>	<b>Number of permanent positions filled during the Year</b>	<b>Number of positions filled temporarily</b>
Administrative Staff	294	10	8	0
Technical Staff	543	18	14	0

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. Sensitization programmes by experts for the benefit of researchers on the importance of impact factor and citation index.
2. Orientation programme on writing technical papers/articles in journals
3. Provision of analytics of the publications from various databases to the Heads of the Institutes.
4. Research forum is organized on every second and fourth Saturday to further reinforce the research culture.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	137	16	143
Outlay in Rs. Lakhs	434.95	3476.03	412.00	10183.49

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	18	--	--
Outlay in Rs. Lakhs	1.30	21.44	--	--

#### 3.4 Details on Research Publications

	International	National	Others
Peer Review Journals	538	148	--
Non-Peer Review Journals	38	10	--
e-Journals	5	3	--
Conference proceedings	52	39	--

#### 3.5 Details on Impact factor of publications:

Range 0 – 6.94 Average 5.2 h-index 31 Nos. in SCOPUS 454

#### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2016-17	DST	271.50	145.74
		UGC-DAE-CSR	14.78	7.17
		BARC	99.00	19.80
		ICMR	7.79	4.19
		CSIR	18.93	6.06
Minor Projects	2016-17	--	--	--
Interdisciplinary Projects	2016-17	DST	367.42	367.42

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
 DPE  DBT Scheme/funds

3.9 For colleges

Autonomy  CPE  DBT Star Scheme   
 INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	11	58	--	--	--
Sponsoring agencies	GU	TEQIP-II, DST			

3.12 No. of faculty served as experts, chairpersons or resource persons:

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in Lakhs :

From funding agency  From Management of University/College   
 Total

3.16 No. of patents received this year :

Type of Patent	Status	Number
National	Applied	2
	Granted	0
International	Applied	5
	Granted	0
Commercialised	Applied	0
	Granted	0

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
13	04	05	01	03	--	--

3.18 No. of faculty from the Institution who are Ph. D. Guides

and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level

National level  International level

3.22 No. of students participated in NCC events:

University level  State level

National level  International level

3.23 No. of Awards won in NSS:

University level  State level

National level  International level

3.24 No. of Awards won in NCC:

University level  State level

National level  International level

3.25 No. of Extension activities organized

University forum  College forum

NCC  NSS  Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

The NSS wing of GITAM University has 14 +02 Self-financed units and organized various activities such as special camps, blood donation camps, Swachh Bharat, International Yoga day awareness, Village adoption, Tree plantation, Skill Development, Road Safety management, Age care rally, Coastal cleanup, Vanam-Manam and other activities in all the campuses.



## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	255.33	0	University recourses	255.33
Class rooms	388	13	University recourses	401
Laboratories	270	19	University recourses	289
Seminar Halls	27	8	University recourses	35
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	312	24	University recourses	336
Value of the equipment purchased during the year (Rs. in Lakhs)	2404.96	244.87	University recourses	2649.83
Others(Computers& equipment)	5670	1690	University recourses	7360
Hostel for Men	7	0	--	7
Hostel for Women	5	0	--	5

#### 4.2 Computerization of administration and library

All administrative activities are computerized.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	102848	48212498	12116	7571451	114964	55783949
Reference Books	44828	44332710	170	192628	44998	44525338
e-Books	3110091	365688	--	--	3110091	365688
Journals	731	6158351	303	2186139	1034	8344490
e-Journals	4863	5229216	Renewed		4863	5229216
CD & Video	2764	607200	--	--	2764	607200

#### 4.4 Technology up gradation (overall)

	<b>Total Computers</b>	<b>Computer Labs</b>	<b>Internet</b>	<b>Browsing Centres</b>	<b>Computer Centres</b>	<b>Office</b>	<b>Departments</b>	<b>Oth ers</b>
<b>Existing</b>	5670	66	2130 Mbps	3	3	62	68	--
<b>Added</b>	1690	08	645 Mbps 155 Mbps	2	0	04	04	--
<b>Total</b>	7360	74	2930 Mbps	5	3	66	72	--

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology Upgradation (Networking, e-Governance etc.)

1. Implementation of X-Learn system, an Intelligent Educational System (IES), oriented towards the Internet has been supporting both sides of the teaching-learning process. All these functions and tasks are paper-less, leading to a significant cut in the paper quantity required to be procured by the University and the students.

2. University-wide e-governance programme that is being developed in improving administrative efficiency, while cutting down paper usage.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	383
ii) Campus Infrastructure and facilities	671.70
iii) Equipments	225.94
iv) Others	665.60
<b>Total :</b>	<b>1946.24</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. Involvement of the officers of the student support services during induction programmes.
2. Publishing the information of student support services in the handbook.
3. Posting the information on the University website.

5.2 Efforts made by the institution for tracking the progression: The institutional heads track the progression of the students in academics throughout the year. The same is conveyed to the heads of departments in regular meetings for the follow up action. Heads of the departments also identify the slow learners and design remedial classes to be conducted after the class hours by the faculty. Apart from these classes, expert lectures are regularly organized. The Counsellors periodically analyse the progress of the students in academic and extracurricular activities.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
14527	2305	896	--

#### (b) No. of students outside the state

3535
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#### (c) No. of international students

5
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<table border="1"> <thead> <tr> <th>No</th> <th>%</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">12074</td> <td style="text-align: center;">71.73</td> </tr> </tbody> </table>	No	%	12074	71.73	Women	<table border="1"> <thead> <tr> <th>No</th> <th>%</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4758</td> <td style="text-align: center;">28.27</td> </tr> </tbody> </table>	No	%	4758	28.27
No	%									
12074	71.73									
No	%									
4758	28.27									

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2806	121	67	1249	--	4243	3457	156	38	1586	01	5238

Demand ratio : 1: 12

Dropout % : <1%

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Several programmes are regularly conducted for personality development and improving communication and soft skills of the students. Coaching classes are conducted for GRE, GATE, Civil services and other competitive examinations with the help of senior faculty and experts from outside agencies. Interaction meetings are organized with experts from reputed academic and research organizations for career planning and development.

The University has set up an exclusive training centre to give training in GRE/TOFEL/CAT to the aspiring students by external agencies.

Conduct of coaching classes for the aspirants of Civil services through centre for Gandhian studies.

No. of students beneficiaries: 3890

### 5.5 No. of students qualified in these examinations

NET	0	SET/SLET	1	GATE	70	CAT	15
IAS/IPS etc	0	State PSC	0	UPSC	0	Others	900

### 5.6 Details of student counselling and career guidance

Distinguished persons from premier institutions and executives from industry majors often interact with students which help them to emulate good examples of leadership. In addition, incubation centres are established to develop students into successful entrepreneurs.

Placement officers are posted in all institutions to provide career guidance to the students. The Placement Cells gather information about industries and companies which offer jobs in various specializations of the students. The Placement Cells also organize pre-placement training, mock-interviews and provide guidance to students to boldly face placement interviews. As a result of several proactive measures taken by the Placement Cells, the University has been able to achieve near 100 percent placements in almost all the programmes in multinational and other reputed organizations in the country and abroad.

For personal counselling the university adopts a mentor and mentee system, where for every 15 to 20 students a teacher acts as a mentor to counsel and guide the students in his chosen path.

No. of students benefitted : 3150

### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
139	1849+906	1285	723

### 5.8 Details of gender sensitization programmes

A Women Empowerment Cell has been set up in the University with the following objectives to:

- offer counseling services for women faculty and students
- organize gender sensitization programmes
- create awareness on the rights of women
- look into sexual discrimination in jobs and career opportunities
- address cases of sexual harassment, if any

The Cell is headed by a senior professor as its Chairperson with all women members from teaching and non-teaching staff and students. During the last five years, the Cell organized several gender sensitization programmes.

S.No.	Title	Resource person	Date	Venue	Target group
1	“Stress management and relevance of yoga	Ms Jhansi, Dept. of Applied Psychology	4th march, 2017	Gandhi Sandesh sabha of Madan Mohan Malaviya Bhavan Bhavan	Teaching and nonteaching staff

2	Valuing parents and strengthening families	Dr. Deepa Mohan, Associate Professor	March, 2017	GIM Seminar Hall	student community
3	Panel discussion on "freedom and conflict of protection?"	Dr. M Pallavi Ms. Ravneet Gulati Ms Gurumeet Kohli Prof. J B Seventline Ms. Beena Punjabi Ms. S Sana Ms. S Saina moderator, lebin Johnson' Associate professor, GIM	7th March, 2017	Ambedkar Seminar Hall, Cotton Bhavan	student community
4	Sports and games	Sports and games	6th & 7th March, 2017	GIMSR play ground & Indoor stadium	Teaching and nonteaching staff
5	International Women' s Day celebrations and cultural program	Chief Guest: Dr. S.K. Vara Lakshmi, medical superintendent Guest of Honor: Ms. Gurmeet Kohli, Project director, Rohit charitable trust	8th March, 2017	K R C Auditorium	Teaching and nonteaching staff

## 5.9 Students Activities

### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level

No. of students participated in cultural events

State/ University level  National level  International level

### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

### 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	2069	749.05
Financial support from government	-	-
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: NIL

## Criterion – VI

### 6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION :

To become a global leader in higher education.

MISSION:

To impart futuristic and comprehensive education of global standards with a high sense of discipline and social relevance in a serene and invigorating environment.

6.2 Does the Institution has a management Information System

Yes. The University has developed IMS software in-house to cater to the needs of the University in conducting various activities. The main components of the IMS software consists of a.) Faculty information b.) Student information c.) Dept. Information and d.) Assets information,etc. All the departments have an IQAC representative responsible for data updates.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- 1) Senior faculty have been deputed for training on various aspects of curriculum design and development and their expertise is used in the design and development of the curriculum.
- 2) The Board of studies at Post Graduate and Under Graduate levels are constituted with members from industry, expert from research organizations and faculty from other universities.
- 3) Regular interaction meetings are arranged by inviting eminent academicians from IITs/IIMs/ IISc., central universities, etc., for enrichment of the curriculum.

6.3.2 Teaching and Learning

- 1) Academic Monitoring committees to improve the quality of Teaching.
- 2) Using the ICT technologies in classrooms.
- 3) Use of e-learning resources in teaching/learning

6.3.3 Examination and Evaluation

1. The permissible limit for plagiarism was reduced from 30% to 10% during the evaluation of Ph.D. thesis.
2. The University is uploading the copy of awarded Ph.D. theses into Shodhganga of INFLIBNET.

6.3.4 Research and Development

- 1) Motivating the faculty to apply both for major and minor projects by sensitizing them regularly.
- 2) Organizing lectures from various experts on the contemporary subjects.
- 3) Setting up a central research laboratory to encourage inters disciplinary work.

#### 6.3.5. Library, ICT and physical infrastructure / instrumentation

- 1) The University was accorded with ISO 27001 certification for software management system.
- 2) Creation of video conferencing facility to provide access to the experts.
- 3) Strengthened the in-house computer service centre for providing quick services to the users.
- 4) The campus is Wi-Fi enabled. All the buildings are under the electronic surveillance.
- 5) The University facilitated IP Telephony for administrative communication among three campuses over the internet backbone.

#### 6.3.6 Human Resource Management

The faculty are sponsored to attend various workshops/ conferences/ seminars to enhance their knowledge and skills. The university also regularly organizes conferences, workshops and seminars by inviting eminent personalities from academia and industry on various fields. The University gives various awards viz., Best Teacher Award and Best Research Award with financial benefit to motivate the faculty.

#### 6.3.7 Faculty and Staff recruitment

The University regularly recruits faculty and staff after a thorough review of the requirement for both teaching and non-teaching positions. The University follows the guidelines issued by UGC from time to time for specifying the minimum qualifications, constitution of selection committees, etc. The faculty are selected strictly on the basis of merit following the statutory reservations.

#### 6.3.8 Industry Interaction / Collaboration

The University is having collaboration with many leading industries in and around Visakhapatnam. It has signed nearly 101 MOUs with various research organizations and industrial establishments. The University has several interdisciplinary and multi-disciplinary research projects. The directorate of consultancy, projects and collaboration liaisons with the industry/corporate to identify their needs and connects the faculty for offering solutions.

#### 6.3.9 Admission of Students

The University has an open policy on admission process. Transparent admission schedule is made known to all stakeholders through advertisements in national level newspapers/magazines, University website, participation in educational fairs, posters, etc. Every year, the University conducts a national level online entrance examination for admission into various UG & PG programmes offered by the University. Admissions to all the programmes offered by the University are made on the basis of merit obtained in the entrance examination. For admission to management programmes, however, group discussion and personal interview are also given weightage in assessing the merit and deciding the rank. The weightages given to different components of the admission process are decided in advance and communicated to prospective students. The tests are conducted simultaneously in several centers covering all the regions in the country. The admission policy of the university is clearly laid down and widely circulated. A separate wing viz., Directorate of Admissions has been set up for conducting various entrance tests for different programmes and organizing the counselling process smoothly. The entire admission process ensures transparency. Admission process ensures access and equity considering the applicable norms. Rule of reservation is followed in admissions for SC, ST & Physically challenged students.



6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> <li>• Provision of Medical Insurance</li> <li>• Free medical facility</li> </ul>
Non teaching	<ul style="list-style-type: none"> <li>• Provision of Medical Insurance</li> <li>• Free medical facility</li> </ul>
Students	<ul style="list-style-type: none"> <li>• Group Insurance</li> <li>• Earn while you Learn Scheme</li> </ul>

6.5 Total corpus fund generated so far : 19242.17 Lakhs

6.6 Whether annual financial audit has been done    Yes     No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Experts from IITs under TEQIP-II program	Yes	IQAC
Administrative	Yes	Registrar	Yes	Registrar

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes    Yes     No

For PG Programmes    Yes     No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

The University has made several reforms in the evaluation system. Some of the important reforms are listed below:

- Credit based evaluation system has been introduced.
- The weightage for continuous internal assessment is increased to 40%.
- Online examinations are introduced for mid-term examinations.
- Double evaluation for all post graduate programmes and single evaluation for undergraduate programmes is being followed.

- Paper setting is done by external paper setters selected by the Vice-Chancellor from the list of paper setters approved by the concerned Boards of Studies. Spot valuation is introduced in all subjects by involving both internal and external examiners.
- Subject/paper wise Chief Examiners are appointed to monitor Spot Valuation process.
- Payment of examination fee and submission of examination applications, preparation of gallies, hall tickets, scanning of bar coded answer books, online transfer of continuous evaluation marks, processing and tabulation of results, printing of Grade Cards and Provisional Certificate cum Memorandum of Grades (PCMG), etc., are all computerized.
- All Certificates are issued on pre-printed stationery with several security features such as Penetrating Ink, HR Border, UV Printing, Rainbow Printing, Water Mark, COPY Pantograph, Micro Line, Nano Printing, Opaque Text, Endorsement Number, Gold Foil, A4 Size on 110 GSM Luc Key parchment paper, A4 Size on 230 GSM Textured Paper.

As a result of several of these reforms, the evaluation process has been streamlined and made foolproof.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not Applicable

6.11 Activities and support from the Alumni Association

The university regularly organises alumni meets faculty-wise during November/December and alumni students with their families meet together to share their experiences and ideas for the growth of the university. The details of the Alumni meets conducted during 2016-17 are:

<b>S. No.</b>	<b>Batch Year</b>	<b>BRANCH</b>	<b>DATE</b>
1.	1992-96	GIT	25-07-2016
2.	All old batches	GIM	07-11-2017
3.	All old batches	GITAM Hyderabad	11-02-2017

6.12 Activities and support from the Parent – Teacher Association

The university regularly organizes parent teacher meet to know the requirements of the students and to address their grievances. Parents share their views for the growth of the university in the form of suggestions.

6.13 Development programmes for support staff

The University deputed the supporting staff to skill development programmes organized by the Centre for Learning and Sustainability and other reputed organizations. Every year the University honours the Best Supporting Staff by giving them an award and cash prize.

#### 6.14 Initiatives taken by the institution to make the campus eco-friendly

- ✓ GITAM University is well known for its ambient environment with lush green lawns and trees.
- ✓ A separate horticulture dept. was established to nourish the plants, and trees and to protect the environment.
- ✓ The university has installed DEWATS facility for waste management.
- ✓ Bio-medical waste is handed over to govt.-approved agency.
- ✓ Green audit is conducted every year to take suitable measures to maintain the campus in an eco-friendly manner.
- ✓ The University installed CFC lamps and the reflector fittings in all the buildings. Steady switchover to LED lights is progressing.
- ✓ The University accorded with ISO 14001 certification on Environmental Management System

## Criterion – VII

### **7. Innovations and Best Practices**

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

#### **Eco-Friendly Campus:**

The University maintains Eco-friendly Campuses through Energy Conservation-solar power, Water Harvesting, Carbon Neutrality, Solid waste disposal, Sewage treatment plant, Hazardous Waste Management, e-waste management. Keeping in view of this, the University was accredited with ISO 14001: 2015 certification for Environmental Management Systems.

The University conducts green audit through certified green auditors for the campus. The Indian Green Building Council (IGBC) student chapter has been functioning actively with aim of imparting knowledge on various aspects of eco-friendly buildings and promotes the green building message.

**Online learning through MOOCS:** The faculty and students are encouraged to register for NPTEL courses, Udacity etc. Many of the students of third year and final year have certified by them. The University is in the process giving grade equivalency for the students who does these courses.

**Incubation Centres:** The University has set up incubation centres to foster entrepreneurial skills among students. The Centres extend support by providing necessary facilities, mentorship, investment support, and a platform to interact with experts from the industry. Around 25 start ups in the areas of manufacturing, web-designing, mobile apps, etc., had their origin in these incubation centres.

**Skill Development Centers:** The University has set-up skill development centers in all the three campuses to bridge the gap between the academic and industry for the student community in collaboration with industry peers.

- Autodesk centre in collaboration with EDS technologies
- Automotive club
- Aero modeling club
- CISCO networking academy
- IBM software lab
- Virtusa centre of excellence
- Hitachi centre of excellence
- Centre for computer aided engineering
- Robert Bosch centre of excellence
- DASSAULT systems centre

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.

The University established GITAM School of Nursing to offer B.Sc. Nursing programme from the academic year 2016-17 with the approval of concerned statutory bodies.

The University has introduced collaborative programs with Dr. Reddy's and Laurus Labs to offer B.Sc. Science programs.

The University has introduced M.Tech Data Science in engineering discipline of Visakhapatnam and Hyderabad campuses.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

#### **Best Practice-1: Promoting Research Culture**

- **Objectives of the Practice:**
  - To enrich the passion among faculty and students in research.
  - To develop networking between the University and research institutes of repute.
  - To develop research centres for undertaking contemporary research.
- **The Practice**
  - Research projects
  - MoU with BARC in the areas of
    - environmental impact analysis
    - National environmental gamma radiation monitoring.
  - Every academic department has identified thrust areas
  - Focused on multi-disciplinary research.
  - starter research grant
  - Science Activity Centre
  - Incubation centres

#### **Best Practice-2: Open Source Initiative**

- **Objectives of the Practice:**
  - To encourage the use of open source software's
  - To promote open source culture among the student community
  - To offer for free redistribution
  - To make software License Technology-Neutral
- **The Practice**
  - X-Learn (moodle) framework for teaching-learning process
  - 100% course outlines and attendance
  - Open Source Computer Labs
  - GITAM Blogs
  - Cloud Computing

7.4 Contribution to environmental awareness / protection.

The following initiatives are taken by the University to promote eco-friendly campuses:

- For energy conservation, buildings are designed and constructed to achieve good ventilation and glare-free natural light; a dedicated 33 KV line of APEPDCL is installed to minimise power outages; remote tap changeover control units are installed at entry points for voltage regulation; automatic power factor control units are installed for controlling surges in current; CFL and reflector fittings are installed; green compliant and energy saving motors are used; star-rated electrical appliances and variable refrigerant flow type air-conditioning units are installed and best quality cabling and switchgears are used to reduce faults, voltage losses and heat losses.
- For harnessing renewable energy sources, solar hot water systems, solar photovoltaic (SPV) power generators, SPV powered LED lights and solar pumps are installed. The complete steam and hot water requirements of hostels and guest houses are being met by roof-top solar hot water systems. A zero-energy-demand sewage treatment plant is functioning in the medical campus at

Visakhapatnam, treating 100% of the sewage and sullage generated in the hospital. A pilot wind-turbine electricity generating module is under development while a bio-mass unit and modules of Eco Hot generators are under implementation at Hyderabad Campus.

- For water harvesting, contour bunds, soak pits, check dams, recycling of effluents from sewage treatment plants are constructed. Some of the parks are maintained at a low topography, bounded by roads at a higher level, thereby enabling macro-percolation during the rainy season. These fairly wet zones are bird-friendly, also acting as habitats for minor animals, lending a helping hand in maintaining the flora & fauna.
- For minimizing greenhouse gases, efforts are being made to maintain the six greenhouse gases viz., carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) and sulphur hexafluoride (SF<sub>6</sub>) at the minimum levels as specified by the Kyoto Protocol.
- For achieving carbon neutrality, extensive plantation is undertaken to ensure a green cover that continuously consumes the atmospheric carbon dioxide. Care is also being taken to ensure that only legally acceptable refrigerant types are used and vehicular pollution is minimised by encouraging the use of public transport. Further use of firewood and other solid fuels, in raw or pellet form, is prohibited within the campuses and care is taken to dispose of effluents in safe and acceptable ways.
- For extensive plantation, stretches of land are earmarked for plantation which includes shrubs, flowering beds and plantations of usufruct value; a variety of trees like artocarpus, mangifera, anacardium, pongamia, azardichta, ficus and syzium which are known for their high wood density and consequent enhanced carbon sequestration potential, are extensively grown; water consumption is minimized; use of artificial fertilizers and pesticides are avoided; drip irrigation and sprinkler watering are used wherever feasible; an eco-friendly bio-pesticide “GITAM Trishul” has been developed and supplied free of cost to the farmers; natural composting of plant litter is made mandatory within the campuses.
- For safe waste & solid disposal, all biodegradable waste is being composted; metallic and plastic waste is being handed over to approved recyclers; paper wastes, especially old papers, are sent to pulp manufacturers and bio-medical waste is handed over to govt.-approved agency.
- For wastewater handling, sewage and sullage are being treated ensuring that the solid by-product is used as manure and most of the liquid water is used for horticulture.
- For hazardous waste management, laboratory chemicals and biomedical wastes are disposed of as per standard procedures; dry powder, ABC and CO<sub>2</sub> type portable fire extinguishers are used; all statutory licenses and permissions are obtained from the Pollution Control Boards and the Ministry of Environment and Forests.
- For e-waste management, electronic waste comprising hardware of condemned and discarded computers, laboratory instruments and the like are being handed over to agencies approved by the Pollution Control Boards.

7.5 Whether environmental audit was conducted?      Yes       No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

### 8. Plans of institution for next year

1. To start PG programme in M.Tech (Cyber Security and Forensics) and M.Sc. Data Science
2. To offer programmes on Gandhian Philosophy by GITAM School of Gandhian Studies.
3. To offer PGD/MBA and Certification programmes in FinTech collaboration with industry by the Institute of Management, Visakhapatnam.

Name P.V. NALESWARA RAO

  
29/12/2018

Signature of the Coordinator, IQAC

Name K. SIVA RAMA KRISHNA



Signature of the Chairperson, IQAC

*Kc* VICE-CHANCELLOR  
Gandhi Institute of Technology and Management (GITAM)  
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