

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2017-18

Submitted to



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
Bangalore, India



G. K. Gujar Memorial Charitable Trust's
Dr. Ashok Gujar Technical Institute's
Dr. Daulatrao Aher College of Engineering, Karad



G. K. GUJAR MEMORIAL CHARITABLE TRUST'S
DR. ASHOK GUJAR TECHNICAL INSTITUTE'S
DR. DAULATRAO AHER COLLEGE OF ENGINEERING, KARAD



Freedom Fighter
Late G. K. Gujar

Accredited by NAAC with " B+ " Grade
An ISO 9001 : 2008 & ISO 10002 : 2014 Certified Institute

Approved by AICTE New Delhi, DTE, Govt. of Maharashtra & Affiliated to Shivaji University Kolhapur

Dr. Ashok G. Gujar
M.S.
FOUNDER PRESIDENT

Shri Indrajit A. Gujar
B. Pharm.
VICE PRESIDENT

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M.B.B.S., DGO
SECRETARY

Ref No. – AGTIS DACOE/2018-19/1/39

Date – 31/01/2019

To
The Director
National Assessment and Accreditation Council (NAAC)
P.O.Box.No.1075
Opp: NLSIU, Nagar bhavi,
Bangalore-560 072

Respected Sir,

Sub: Submission of revised Annual Quality Assurance Report (AQAR) for the year 2017-2018

We wish a warm greeting from Dr. Ashok Gujar Technical Institute' s Dr. Daulatrao Aher College of Engineering, Karad. The college is established by G. K. Gujar Memorial Charitable Trust in the year 2008 and offers 4 UG courses. The college is approved by AICTE, New Delhi and affiliated to Shivaji University, Kolhapur.

Dr. Daulatrao Aher College of Engineering has been accredited by NAAC with B+ grade. As a NAAC accredited institution, we already submitted AQAR (2017-18) on dated 29th Nov 2018. Because of some modification we revised it and hereby submitting the revised Annual Quality Assurance Report (AQAR) for the academic year 2017-2018. We request your goodoffice to consider kindly our AQAR submission and acknowledge the same.

Thanking you

With regards


Principal
(Dr.A. M. Mulla)



**Annual Quality Assurance Report of the IQAC
INDEX**

Sr. No	Title	Page No
PART A		
1	Details of the Institution	3
2	IQAC Composition and Activities	7
PART B		
3	Criterion -I: Curricular Aspects	10
4	Criterion II : Teaching-Learning and Evaluation	13
5	Criterion III : Research, Consultancy and Extension	17
6	Criterion IV : Infrastructure and Learning Resources	21
7	Criterion V : Student Support and Progression	24
8	Criterion VI: Governance and Leadership & Management	28
9	Criterion VII: Innovations and Best Practices	35
	Annexure – I : Academic Calendar 2017-18	39
	Annexure – II : Feedback Analysis 2017-18	40

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

1. Details of the Institution

1.1 Name of the Institution

G. K. Gujar Memorial Charitable Trust's
Dr. Ashok Gujar Technical Institute's
Dr. Daulatrao Aher College of Engineering, Karad

1.2 Address Line 1

Vidyanagar Extn., Banawadi,

Address Line 2

Karad, Dist. Satara

City/Town

Karad

State

Maharashtra

Pin Code

415124

Institution e-mail address

principal@dacoe.ac.in

Contact Nos.

8600339786

Name of the Head of the Institution:

Dr. A. M. Mulla

Tel. No. with STD Code:

02164- 272701/02

Mobile:

8600339786

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879))

1.4 NAAC Executive Committee No. & Date:
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner-bottom
of your institution's Accreditation Certificate)

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details

Sr. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B ⁺	2.55	2017	2017-2022
2	2 nd Cycle	NA	NA	NA	NA
3	3 rd Cycle	NA	NA	NA	NA
4	4 th Cycle	NA	NA	NA	NA

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

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

1.9 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 _____ Not Applicable _____ (DD/MM/YYYY)
ii. AQAR _____ Not Applicable _____ (DD/MM/YYYY)
iii. AQAR _____ Not Applicable _____ (DD/MM/YYYY)
iv. AQAR _____ Not Applicable _____ (DD/MM/YYYY)

1.10 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

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

Shivaji University, Kolhapur

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

Autonomy by State/Central Govt. / University

NIL

University with Potential for Excellence

NIL

UGC-CPE

NIL

DST Star Scheme

NIL

UGC-CE

NIL

UGC-Special Assistance Programme

NIL

DST-FIST

NIL

UGC-Innovative PG programmes

NIL

Any other (*Specify*)

NIL

UGC-COP Programmes

NIL

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="1"/>
2.3 No. of students	<input type="text" value="0"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="0"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="1"/>
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="12"/>
2.10 No. of IQAC meetings held	<input type="text" value="03"/>
2.11 No. of meetings with various stakeholders:	<input type="text" value="-"/> Faculty <input type="text" value="1"/>
	Non-Teaching Staff <input type="text" value="-"/> Students <input type="text" value="-"/> Alumni <input type="text" value="-"/> Others <input type="text" value="-"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	If yes, mention the amount <input type="text"/>
2.13 Seminars and Conferences (only quality related)	
(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC	
Total Nos.	<input type="text" value="1"/> International <input type="text" value="-"/> National <input type="text" value="-"/> State <input type="text" value="-"/> Institution Level <input type="text" value="1"/>
(ii) Themes	<input type="text" value="Effective Learning Teaching Process"/>

2.14 Significant Activities and contributions made by IQAC

Sr. No.	Plan of Action	Activity	Target Audience
1.	To implement outcome based education	Three Faculties were deputed outside to attend OBE related workshop and Seminar	Faculty
		Three sessions by Dr. V. S. Bandal were arranged for creating awareness.	Faculty
		Faculty members create awareness among the students during lectures.	Students
2	Curriculum design and teaching strategy	Course Co-ordinator finds curriculum gap if any in course and develop teaching strategy accordingly.	Faculty
3	Feedback	<p>Feedback of faculty about teaching learning process is taken in each semester in scale of 1 to 10. Students Feedback Report is given to each faculty. Here the analysis given in percentage</p> <p>Excellent-20.7 % Very good- 58.1 % Good – 20.6 % Poor – 0.5 %</p> <p>Corrective measures and counselling of faculties those having poor feedback have been taken. Appreciation letter has been given to those having Excellent feedback.</p>	Faculty / Students
4	Expert /Guest lectures	Expert / Guest Lectures in various engineering areas organized by departments	Students
5	Innovative parameters for continuous evaluation	Continuous Assessment Sheet (CAS) designed by considering parameters like practical performance, attendance and unit test performance and same is implemented	Students
6	Remedial teaching for academically weaker students	Extra Lectures arranged for academic weaker students in the course.	Students

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 at the end of the year *

Sr. No.	Plan of Action	Achievements
1	Feedback Analysis	Improvement in teaching and Learning
2	Monthly Syllabus Review	Syllabus completion in stipulated time
3	Classroom Discussion	Interactive teaching learning process

- Attachment: Academic Calendar(A. Y. 2017-18)

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

- The report will be placed in the forthcoming Governing Body Meeting for suggestions.
- Academic audit will be carried out by external / internal committee.

Part – B

Criterion – I

1. 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
PhD	-	-	-	-
PG	-	-	-	-
UG	04	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	06
Others	-	-	-	12
Total	04	-	-	18
Interdisciplinary	-	-	-	-
Innovative	-	-	-	11

*Others- Number of value added / Career Oriented programmes courses details are as follows

Sr. No.	Date	Name of the Programme	Name of the Trainer	Branches
1	19/02/2017 to 13/03/2017	Workshop on “IIRS out rich Program on hyper spectrum, Remote Sensing and its application	Dr.A.M.Zende DACOE Karad	S.E.,T.E.and B.E.
2	16/08/2017	Cocube Online Assessment	Cocube Technologies, Haryana	TE & BE- All Branches
3	22/09/2017	A session on " Higher Studies-GATE & ESE"	ACE, Engineering, Pune	BE- ALL Branches
4	30/10/2017	Next Generation Telecom Networks and Job Opportunities	Dr. Munir Sayyad, GM, Reliance Jio, Mumbai	All Teaching Staff
5	02/11/2017	Developing Generations	Mr. Sachidanand Kulkarni,Vice-President HR Webonize Lab, Pune	All Teaching Staff

6	30/12/2017	Expectations of Industry from Freshers	Mr. Arjun Shivsharan, Amazon Pune & Swarrop Nair, TCS, Pune	All BE Students
7	10/01/2018	GATE tutor Orientation session	Mr. Mallikarjun Borigidde	All faculty Members
8	16 & 17 /01/2018	BARCLAYS Training - Soft Skills	Mr. Samsun Churcill & Ms. Prajkta Gaikwad	BE- ALL Branches
9	22/02/2018	A session on "Current Market Scenario & Demand of CAE, Industry.	Mr. Apoorv Bapat	TE & BE- CIVIL & MECH
10	10/03/2018 to 15/03/2018	Technical Training Programme on Solid Works by Pahela Job, Mumbai	Mr. Nilesh Tangade, Aurangabad	TE -MECH
11	1/06/2017 to 28/02/2018	Gate Tutor	Gate Tutor	T.E. and B.E.
12	01/06/2017 to 31/05/2018	Co Cube Test	Co Cube	T.E. And B.E.

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

Yes No

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	UG - 4
Trimester	Not Applicable
Annual	Not Applicable

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

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

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

Institute is affiliated to a Shivaji University, Kolhapur and follow the syllabi designed by the University. Apart from that faculty members identify the curriculum gaps and same are communicated to BoS for revision / modification. In addition to this various activities like experts / guest lectures are conducted to bridge the gaps identified during the curriculum implementation. Faculty members actively participated in syllabus revision process as well as workshops arranged by the university.

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

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Department	Total	Assistant Professors	Associate Professors	Professors	Others
BSH	10	07	03	00	00
CIVIL	12	10	01	01	00
CSE	13	13	00	00	00
ENTC	21	18	00	01	02
MECH	29	27	01	01	00
Total	85	75	05	03	02

BSH – Basic Sciences and Humanities

CIVIL – Civil Engineering

CSE – Computer Science and Engineering

ENTC – Electronics and Telecommunication Engineering

MECH – Mechanical Engineering

2.2 No. of permanent faculty with Ph.D.

06

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
Total	75	-	05	-	03	-	02	-	85	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

09

03

-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	02	48	-
Presented Papers	40	13	-
Resource Persons	-	-	03

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

- ICT enabled teaching methods.
- Experts from academics, industry and alumni are invited for delivering expert lectures.
- NPTEL Lectures / videos are made available on intranet / library.
- Industrial Visits are arranged to provide industry perspective / practices to the students.
- Extra coaching / remedial classes for academically weaker students are conducted on regular basis.
- Continues Assessment scheme (CAS) for laboratory work to monitor the performance of the students
- Students counselling is done by Mentor mentee scheme.

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

Sem I – 86 and Sem II – 86 Total – 172 days / year

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

1. Institute is affiliated to the Shivaji University, Kolhapur hence it follows the University norms and regulations in this regard for examination and evaluation.
2. In addition, Institute conducts class tests, practical performance home assignments, group projects and seminars for an internal evaluation

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

01 0 05

2.10 Average percentage of attendance of students

80

2.11 Course/Programme wise

Distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	First I %	Second II %	Pass III %	Total Pass %
Civil Engineering	BE - 68	11.76	47.05	14.70	1.49	75.00
	TE - 76	1.32	6.57	43.42	11.84	69.73
	SE - 73	2.73	21.92	47.95	19.17	91.78
Computer Science and Engineering	BE-43	81.4	13.95	-	-	95.35
	TE-44	6.82	27.27	9.09	-	86.36
	SE- 31	9.7	12.90	22.6	-	87.05
Electronics and Telecommunication Engineering	BE-104	58.65	28.84	9.61	0.96	95.00
	TE-89	13.48	21.34	32.58	5.61	26.96
	SE-56	17.85	17.85	35.71	3.57	25.00
Mechanical Engineering	BE-184	34.78	46.19	3.26	-	84.23
	TE-154	9.09	16.88	36.36	6.49	74.02
	SE-119	7.56	5.88	32.77	7.56	53.78
F.E.	FE - 106	06	13	23	04	44.86

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

The academic calendar prepared before start of semester as per guidelines by Shivaji University, Kolhapur and circulated to the department. The department prepares its departmental academic calendar in line with the institute academic calendar. Courses are allotted to faculty members as per their choice and domain expertise. Every faculty prepares his / her course file, detailing about lecture plan / laboratory plan and other academic activities related to the course. The time table co-ordinator prepares the time table. The time table circulated to the faculty members. Student's feedback report is given to every course co-ordinator and takes necessary steps / measures in case of improvements required as suggested in the feedback. The course co-ordinator, assesses students experiments and assignments according to CAS (Continuous Assessment Sheet). The internal tests are conducted and evaluated by course co-ordinator and performance is conveyed to students. At the end of semester university exam is conducted as per university schedule. Result analysis is carried out at the end of every semester.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>					
	BSH	CIVIL	CSE	ENTC	MECH	Total
Refresher courses	-	-	-	-	-	-
UGC – Faculty Improvement Programme	-	-	04	07	-	11
HRD programmes	-	-	-	-	-	-
Orientation programmes	-	-	-	-	-	-
Faculty exchange programme	-	-	-	-	-	-
Staff training conducted by the university	-	-	02	10	-	12
Staff training conducted by other institutions	-	-	06	03	-	09
Summer / Winter schools, Workshops, etc.	-	10	10	12	41	73
Others	-	-	-	-	-	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily	Total
Administrative Staff	-	-	-	05	05
Technical Staff	-	-	-	17	17

Criterion – III

3. Research, Consultancy and Extension

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

- Eminent academicians are invited to deliver talks for creative inculcating the research culture in the Institute.
- Encourages Faculty to participate in STTP/FDP/Seminars/Conference/Workshop etc
- Special leaves are sanctioned for STTP/Seminars/Conference/Workshop.
- Workshop on “Writing Research Paper & Research Proposal” are conducted on regular basis
- Faculty members are inspired to improve their qualification by pursuing Ph. D.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	41	-	-	41
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	43	-	-	43
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Reviewed Journals	24	-	-
Non-Peer Reviewed Journals	14	02	-
e-Journals	-	-	-
Conference proceedings	19	06	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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	1 year	-	-	-
Minor Projects	1 year	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	1year	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by the University)	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

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

ii) Without ISBN No Chapters in Edited Books

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

Level	International	National	State	University	College
3.11 No. of conferences organized by the Institution	NIL	01	NIL	NIL	NIL
Sponsoring agencies	--	Self	--	--	--

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		Number
National	Applied	NIL
	Granted	NIL
International	Applied	NIL
	Granted	NIL
Commercialised	Applied	NIL
	Granted	NIL

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

Total	International	National	State	University	District	College
NIL	NIL	NIL	NIL	NIL	NIL	NIL

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

- Blood donation camp was conducted on 26th Jan 2018.
- Swacch Bharat Abhiyan is celebrated on 2nd Oct 2017.
- National Environmental Day is celebrated on 5th June 2018 by planting minimum 100 trees.

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	10 Acres	-	-	10 Acres
Class rooms	22 No.	-	-	22 No.
Laboratories	47 No.	-	-	47 No.
Seminar Halls	02 No.	-	-	02 No.
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	-	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-	-	-
Others	-	-	-	-

4.2 Computerization of administration and library

<ul style="list-style-type: none">• Administrative department and Library are computerized with Internet facility.• The following facilities available in Library:<ul style="list-style-type: none">• OPAC• E-publications• NPTEL Videos• E- Journals

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value in Rs	No	Value in Rs	No.	Value in Rs
Text Books	14,475	67,55,372	803	4,69,089	15,278	72,24,461
Reference Books	1,900	2,15,000	209	1,39,993	2,109	3,54,993
e-Books	-	-	-	-	-	-
Journals	-	-	43	97872	43	97,872
e-Journals	-	-	1,346	13,570	1,346	13,570
Digital Database	-	-	-	-	-	-
CD & Video	1,104	5,500	-	-	1,104	5,500
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation(overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments	Others
Existing	374	15	32 Mbps	01	01	01	05	--
Added	30	-	Wi-Fi	-	-	-	-	-
Total	404	15	32 Mbps	01	01	01	05	-

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

- All departments and the office have been provided computer facilities with internet access.
- Classrooms / Seminar halls are equipped with LCD
- Computers with internet facility are made available to the students even after working hours.
- Students are encouraged to make use of digital media for their seminars and projects.
- Add-on courses are conducted for students to bridge the curriculum gap.

4.6 Amount spent on purchase in rupees:

i) ICT (Computers & Software)	13,31,450/-
ii) Campus Infrastructure and facilities (Furniture & Dead stock)	3,86,550/-
iii) Sports Equipment	74,540/-
iv) Others (Scanner, Spiral binding machine, etc.)	7,300/-
Total:	17,99,850/-

4.7 Amount spent on maintenance in rupees:

i) ICT (Computers & Software)	1,72,842/-
ii) Campus Infrastructure and facilities	1,54,625/-
iii) Laboratory maintenance	67,350/-
Total:	3,94,817/-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Awareness sessions are conducted before taking online student feedback on Faculty.
- Add-on courses are offered.
- Counselling by mentors.
- Academic calendar provided at the beginning of each semester
- Organizing and conduction of Technical events (Spectrum)
- Orientation Programme for F. E. students
- Awareness about scholarships and other schemes provided to students.
- Cognizance about Financial assistance to economically backward students
- Constituted student association such as ACES, CESA, ETSA and MESA for conducting seminars, workshops, internship programs, conferences etc.
- Social awareness created through NSS and Natures Club.
- Health Centre

5.2 Efforts made by the institution for tracking the progression

- Result analysis is done.
- Remedial classes are conducted for academically weaker students.
- Aptitude and technical test are conducted and student performance assessed.
- Internal tests are conducted in every semester.
- Continuous Assessment of practicals is done by faculty members.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1325	-	-	-

(b) No. of students outside the state

(c) No. of international students

Men	No	%	Women	No	%
	825	62.26		500	37.74

Last Year(2017-18)FE							This Year(2018-19)FE					
General	SC	NT	SBC	OBC	Physically Challenged	Total	General	SC	NT/SB C	OBC	Physically Challenged	Total
82	12	05	04	20	-	123	97	05	05	11	-	118

Demand ratio% Dropout %

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

- Cocubes Online Assessment test is conducting for checking aptitude.
- Gate tutor and Globarena's software is installed / examined for preparation of competitive exam
- 'BARCLAYS' training programs for soft skill development are conducted on regular basis.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

- Sessions on career guidance are conducted on regular basis.
- Soft Skill trainings are conducted on regular basis.
- Sessions on creative awareness about latest technologies and importance of final year project are conducted.
- Group discussion, personal interview and presentation skills by ICFAI foundation are conducted.
- Tech innovation challenge – an inter collegiate state level competition is organised.
- Opulent project sponsorship drive is organised.
- Competitive exam preparation drive: MPSC and UPSC is organised to create awareness about career opportunities.
- Campus placement drive is arranged.

No. of students benefitted

5.7 Details of campus placement

Number of Organizations Visited	Number of Students Participated	<i>On campus</i>		<i>Off Campus</i>
		Number of Students Placed		Number of Students Placed
36	330	91		22

5.8 Details of gender sensitization programmes

- International women's day celebrated on 8th March 2018, Mrs. Dhawle Madam, former Principal, Kanyashala Karad
- Visit to zoography, obstetricians and gynaecologist centres in Karad under "save girl child mission" is organizes.
- Every year felicitation of staff members in our institute who are proud parents of girl child is done.
- Rangoli, Mehnadi and Food decoration competitions are arranged for girl students on regular basis.
- Every year International yoga day was celebrated for faculty members and students on 21st June.

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	16	Rs.5,36,873 /-
Financial support from government	917	Rs.3,70,00,107 /-
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 be a Competent Engineering Knowledge Centre for Socio-Economic Development.

Mission:

1. Empowering students with knowledge, essential technical skills & ethical values.
2. Fostering effective interaction & networking with all stakeholders for the benefit & continuous development of the profession and society.
3. Creating professional and responsible engineers for research, entrepreneurship and leadership.

6.2 Does the Institution has a management Information System

No

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

6.3.1 Curriculum Development

Institute is affiliated to a Shivaji University, Kolhapur and follow the syllabi designed by the University. Apart from that faculty members identify the curriculum gaps and same are communicated to BoS for revision / modification. In addition to this various activities like experts / guest lectures are conducted to bridge the gaps identified during the curriculum implementation. Faculty members actively participated in syllabus revision process as well as workshops arranged by the university.

6.3.2 Teaching and Learning

The academic calendar prepared before start of semester as per guidelines by Shivaji University, Kolhapur and circulated to the department. The department prepares its departmental academic calendar in line with the institute academic calendar. Courses are allotted to faculty members as per their choice and domain expertise. Every faculty prepares his / her course file, detailing about lecture plan / laboratory plan and other academic activities related to the course. The time table co-ordinator prepares the time table. The time table circulated to the faculty members. Student's feedback report is given to every course co-ordinator and takes necessary steps / measures in case of improvements required as suggested in the feedback. The course co-ordinator assesses student's experiments and assignments according to CAS (Continuous Assessment Sheet). The internal tests are conducted and evaluated by course co-ordinator and performance is conveyed to students. Course coordinator provides course notes to the students and arranged industry visits if required to improve learning of the students. At the end of Semester University exam is conducted as per university schedule. Result analysis is carried out at the end of every semester.

6.3.3 Examination and Evaluation

- Institute is affiliated to the Shivaji University, Kolhapur hence it follows the University norms and regulations in this regard for examination and evaluation.
- In addition, Institute conducts class tests, practical performance, home assignments, group projects and seminars for an internal evaluation

6.3.4 Research and Development

- Eminent academicians are invited to deliver talks for creative inculcating the research culture in the Institute.
- Encourages Faculty to participate in STTP / FDP / Seminars / Conference / Workshop etc.
- Special leaves are sanctioned for STTP / Seminars/Conference/Workshop.
- Workshop on "Writing Research Paper & Research Proposal" are conducted on regular basis.
- Faculty members are inspired to improve their qualification by pursuing Ph. D.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Central and departmental library facilities are available.

- Library Management Software is available in the library.
- NPTEL videos lectures, CDs are made available to the students on intranet/ library.

ICT -

- Language laboratory for soft skill training with a emphasis on spoken english.
- Broadband connection with Wi-Fi facility
- Students are encouraged to make use of digital media for their seminars and projects.
- Computing Facilities, journals, newspapers, magazines, educational software's are upgraded regularly.

Physical Infrastructure:

- Campus security with CCTV surveillance
- Girls and Boys hostel facilities are available.
- Canteen facility is available within campus and upgraded on regular basis.
- Gymkhana facility is made available to the students for encouraging their participation.
- Training & Placement facilities are upgraded on regular basis.

6.3.6 Human Resource Management

- All sort of leaves (Medical leave / Earn leave / Casual leave) as per Government / University rules are applied and implemented.
- Advances are given to the employees to meet their emergencies in their family.
- Provident Fund & Gratuity scheme are implemented to the employees as per Government norms.
- Faculty / Staff are encouraged to participate in STTP / FDP / Seminars / Conference / Workshop and provided TA / DA / Registration fee.

6.3.7 Faculty and Staff recruitment

Faculty and Staff recruitment are done as per the norms of AICTE, Government of Maharashtra & University norms. Institute maintains the faculty as per statutory body norms

6.3.8 Industry Interaction / Collaboration

Many initiatives are introduced to provide the students to the industrial and real life practices in engineering.

- Placement activity to provide them employment.
- Industrial visits to improve learning.
- Signed MoU with reputed industry to enhance industry institute interaction.
- Guest / Expert lectures by industry person are conducted for students and faculty.
- Alumni placed in reputed industries are invited for interaction with students.
- Industry expert is included in DAAC
- Internship to students are provided in different industries to understand recent technological changes and also industrial training.

6.3.9 Admission of Students

- Admission of students is provided as per DTE and government of Maharashtra norms, and through centralised admission process CAP).
- Opportunities in engineering field by conducting seminars / workshops in Schools / Junior colleges, this leads to improve enrolment.
- Institute creates awareness about engineering admission through
 - ✓ career guidance program for 12th std students at our campus
 - ✓ a program for ZP, Panchyat Samiti Sadsya
 - ✓ career guidance program in association with Lokmat
- Institute conducts a counseling sessions, admission process awareness program to respective students.
- Encouraging students to participate in extra-curricular activities like sports, NSS etc.
- Ragging free environment is maintained.
- Guidance for educational loan is provided through leading banks to the economically weaker students as well as awareness about various government scholarship schemes.

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> Registration fees are paid by institute to attend different Workshop/STTP/FDP at other institute
Non-teaching	<ul style="list-style-type: none"> First-aid unit in all departments.
Students	<ul style="list-style-type: none"> College bus facility is provided to students to attend pool campuses at other institutes, educational visits at nearby place etc. College level rankers are awarded with cash prizes Institute has declared scholarship of 100% tuition fee reimbursement / waiver for first rank, 50% of tuition fee for second rank and 25% tuition fee for third rank in Shivaji university merit list.

6.5 Total corpus fund generated

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	N	-	Y	-
Administrative	N	-	Y	-

6.8 Does the University/ Autonomous College declare 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 Efforts made by University for examination reforms

- Question Papers through web portal.
- Photocopy of answer sheet through student email through exhibit transparency.

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

NA

6.11 Activities and support from the Alumni Association

- Alumni meet is conducted twice in a year.
- Success stories sessions by eminent alumni are organised for the students.
- Alumni provides guidance for placement / Entrepreneurship

6.12 Activities and support from the Parent – Teacher Association

The department conducts parent meet every year. Parents are informed about various activities about Institute and regularly informed about their wards progress. Parents interact with the faculty in the department and also provide suggestions which also contribute in enhancing facilities. They give valuable suggestions for the improvement of students, departments and institution. Institution conducts following activities every year

- Orientation program for first year students with their parents.
- Parent-Teacher meetings are conducted twice.

6.13 Development programmes for support staff

- Qualification upgradation training programs are organised for support staff.

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

- Swacch Bharat Abhiyan is celebrated on 2nd Oct 2017.
- National Environmental Day is celebrated on 5th June 2018 by planting minimum 100 trees.
- Lights and fans of class room are switched off after the lecture.

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.

- Provide 07 Aptitude sessions and 14 training programs for overall development of students which results increase in placement .50% placement in academic year 2017-18.
- Arranged 05 Skill oriented training program for students which results increase in placement and Entrepreneurs
- Arranged FDP on “Effective learning teaching methodology” for all faculty members.

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

Sr. No.	Plan of action	Action taken report
1	To improve communication and Aptitude skills of students.	Arranged 05 Skill oriented training program, 07 aptitude and 14 training programs.
2	FDPs and SDPs for faculty and staff development.	Arranged FDP on “Effective learning teaching methodology” for all faculty members which helps faculty to improve their teaching.
3	Academic Calendar being published before the commencement of the academic year.	Academic Calendar has been published before the commencement of the academic year and implemented.
4	Teaching plan for each course	Prepared teaching plan by faculty members for respective courses and implemented.
5	Training sessions for students and faculty	Arranged 03 Training sessions for faculty members and 14 for students.

* Details of the programs 7.1 and 7.2

Training programmes

1. A session on "Awareness about Latest Technologies & Importance of Final year Project"
2. "Opulent Project Sponsorship Drive"
3. Webinar on "Elements of IOT"
4. Webinar on "IOT Platform"
5. Campus Recruitment Training (CRT) Phase- II
6. Next Generation Telecom Networks and Job Opportunities
7. Developing Generations
8. Expectations of Industry from Freshers
9. 5 G Networks
10. Cyber & Mobile Security
11. A session on "Awareness about Latest Technologies"
12. Technical Training Programme on IOT by Pehla Job, Mumbai
13. A session on "Current Market Scenario & Demand of CAE, Industry.
14. Technical Training Programme on Solid Works by Pehla Job, Mumbai

Aptitude sessions

1. "Group Discussion, Personal Interview & Presentation Skills" By ICFAI Foundation Pune.
2. "Tech Innovation Challenge"-An Inter-Collegiate State Level Competition
3. "Competitive Exam Preparation MPSC & UPSC"
4. Campus Recruitment Training (CRT) Phase- I
5. Cocube Online Assessment
6. A session on " Higher Studies-GATE & ESE"
7. GATEtutor Orientation session

Skill oriented training programmes

1. Session on Career Orientation "
2. English Language Training
3. A session on " How to manage money & how to be a smart investor"
4. BARCLAYS Training - Soft Skills
5. A session on "Be Employable: Why we fail"

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

- Continuous academic monitoring of the students and class.
- Awards for Best Outgoing Student of the institute and department – Appreciation is done through certificate and trophy.
- Institute has declared scholarship of 100% tuition fee reimbursement / waiver for first rank, 50% of tuition fee for second rank and 25% tuition fee for third rank in Shivaji university merit list.

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

- Swachh Bharat Abhiyan is celebrated on 2nd Oct 2017.
- National Environmental Day is celebrated on 5th June 2018 by planting minimum 100 trees.

7.5 Whether environmental audit was conducted? Yes No

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

Strengths:

- Excellent Infrastructure
- Well qualified and devoted faculty
- Outcome based teaching learning process

Weakness:

- Less number of placements
- Research & consultancy
- Students' weakness in Communication skills owing to rural background

Opportunities:

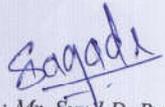
- Scope for Strengthening Industry- Institute interaction
- Scope for preparing students for GATE & other competitive examinations
- Creating research awareness

Challenges:

- Attract quality students
- Enrichment / Improvement in placement
- Improve quality publications

8. Plans of institution for next year

- Improvement in university result
- Strengthening of training and placement cell and improving the number of placements
- To publish quality research papers
- Strengthening industry institute interaction



Name: Mr. Suresh D. Bagade



Name: Dr. A. M. Mulla

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC



G. K. GUJAR MEMORIAL CHARITABLE TRUST'S
DR. ASHOK GUJAR TECHNICAL INSTITUTE'S
DR. DAULATRAO AHER COLLEGE OF ENGINEERING, KARAD
ACADEMIC CALENDAR 2017-18



06 | 2017 JUNE

S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

07 | 2017 JULY

S	M	T	W	T	F	S
			30	31		
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

08 | 2017 AUGUST

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

09 | 2017 SEPTEMBER

S	M	T	W	T	F	S
			1	2		
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

10 | 2017 OCTOBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

11 | 2017 NOVEMBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

12 | 2017 DECEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

01 | 2018 JANUARY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

02 | 2018 FEBRUARY

S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

03 | 2018 MARCH

S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

04 | 2018 APRIL

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

05 | 2018 MAY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

June 2017
 12th: Commencement of First Semester
 17th: Commencement of Second Semester
 28th: Annual Gathering
 30th: Final Semester & Project batches & Topics

July 2017
 5th: Delay of Monthly Attendance
 7th: Delay of Final Seminar & Project topics
 31st: Presentation of Seminar/Review of Project

August 2017
 1st to 7th: Feedback of students
 5th: Delay of Cumulative Attendance
 12th: Final Semester Fee & Welcome function of FE
 15th: Independence Day
 16th: Display of Unit Test-I Results
 21, 22, 23rd: Parent Teacher/Association Meeting

September 2017
 6th: Teachers Day, Display of Cumulative Attendance & Provisional Decision list
 11th: Presentation of Seminar & Project
 15th: Engineers Day, Technical Event
 18, 19, 20th: Unit Test-II
 22nd: Display of Unit Test-II Results
 24th: Final Decision list

October 2017
 8th to 15th: Tentative Practical/Oral Examination
 25th: Tentative starting of Theory Examination

November 2017

December 2017
 1st: Commencement of Second Semester
 28th: Annual Gathering

January 2018
 5th: Display of Attendance
 19th: Seminar & Project progress review
 28th: Republic Day

February 2018
 5th: Delay of Cumulative Attendance
 7, 8, 9th: Unit Test-I
 12th: 10th Feedback of students
 14, 15, 16th: Project Feedback of students
 21, 22, 23rd: Final Test of Project
 25th: Start Procedure for final outgoing students (College / Department)
 28th: Science Day

March 2018
 5th: Delay of Cumulative Attendance & Provisional Decision List
 12th: Final Seminar/Project Presentation
 14, 15, 16th: Project Feedback of students
 19, 20, 21st: Unit Test-II
 23rd: Display of Unit Test-II Results
 25th: Start Procedure for final outgoing students (College / Department)
 28th: Display of Unit Test-II Results & Final Decision list

April 2018
 27th to 30th: Tentative Practical/Oral Examination
 23rd: Tentative starting of Theory Examination

May 2018

Probable Holidays
 • Circulator/circulator/extra Circulator activities to be conducted fortnightly during semester

Feedback Report Summary

Sr. No.	Department	No. faculty	Score			
			Above 9	Between 8 to 9	Between 7 to 8	Less Than 7
Semester I						
1	BSH	12	4	8	0	0
2	CIVIL	17	5	5	7	0
3	CSE	15	4	7	4	0
4	ENTC	19	5	12	2	0
5	MECH	31	4	21	5	1
Semester II						
1	BSH	12	4	5	3	0
2	CIVIL	16	3	6	7	0
3	CSE	13	1	10	2	0
4	ENTC	18	3	13	2	0
5	MECH	31	5	20	6	0

- Above 9 = Excellent
- 8 to 9 = Very Good
- 7 to 8 = Good
- 6 to 7 = Satisfactory
- Below 6 = Poor