Yearly Status Report - 2017-2018

Part A	
Data of the Institution	
1. Name of the Institution	**CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY**
Name of the head of the Institution	**DR. P. PANDARINATH**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**08632524117**
Mobile no.	**9848083358**
Registered Email	**principal@chalapathiengg.ac.in**
Alternate Email	**chalapathiengtech@yahoo.com**
Address	**Chalapathi Nagar, LAM, GUNTUR**
City/Town	**GUNTUR**
State/UT	**Andhra Pradesh**
Pincode	**522034**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Prof. N. Satyanarayana**
Phone no/Alternate Phone no.	**08632524117**
Mobile no.	**9490429612**
Registered Email	**cietiqac2015@gmail.com**
Alternate Email	**iqacciet2015@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**http://chalapathiengg.ac.in/IQAC/AQAR_2016-17_report.pdf**

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	**http://chalapathiengg.ac.in/2018oct/201718.pdf**

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.05**	**2016**	**02-Dec-2016**	**01-Dec-2021**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**01-Jul-2015**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Ensured that feedback was	**25-Apr-2018**	**1535**

obtained from all stakeholders by the respective departments.	1	
Ensured that mentor-mentee system is implemented scrupulously.	25-Apr-2018 1	1416
Ensured that all the departments have prepared the NAAC documentation and submitted in time.	30-Jun-2018 1	119
Regular Meeting of IQAC	10-Jan-2018 1	16
Regular Meeting of IQAC	11-Jul-2017 1	16
View File		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File

10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

? Prepared a Quality Calendar ? Ensured that all faculty prepare their course files and department files in time. ? Ensured collection of feedback from all the stakeholders by each department. ? Ensured the conduct of Sessional Exams as per the pre announced schedule and posting of marks on time.

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

Plan of Action	Achivements/Outcomes
Arranging refresher course on OBE by expert	Faculty doubts clarified and system implemented uniformly in all the departments
Arrange training to III & IV B.Tech Students by Professional Trainers	Placements improved
Study-hours arranged for hostel students	Pass percentage improved
Summary of result analysis to be prepared	Slow learners and poor performers are identified. Remedial classes are conducted and improvements found
Collect feedback from students and other stakeholders	Improvements are brought in the teaching learning process. Suggestions from stakeholders considered and implemented
Arrange guest lecturers in each Department, in each semester.	Topics beyond curriculum covered

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Academic Council	03-Sep-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	27-Feb-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Management Information Systems consist of the following institutional activities: 1. Upgradation of the

college website with latest information on all important activities. 2. SMS gateway to send important notifications to different stakeholders of the college 3. Communication of important information to general public through Print Media. 4. Student fee collection process digitized 5. Information received about the Seminars/workshops/FDPs/etc., conducted by other institutes is forwarded to the concerned HOD for motivating the faculty for participation and deputing the staff. 6. Details of all the events planned in the institute like Engineer's Day, Teacher's Day, National Science Day, International Women's Day, etc., is given wide publicity among the college staff for active participation and contribution.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

After obtaining NAAC accreditation, the institution continues to implement the Outcome based Education System in a full fledged manner during 2017-18. The curriculum delivery is ensured through the following mechanism: 1. Academic calendar is received from the affiliating university (Acharya Nagarjuna University) and it is circulated among the faculty and students notifying the instructional days, examination schedule, vacation periods etc. 2. The faculty members are required to prepare a comprehensive course file consisting of lecture plan, course outcomes, and its tagging with cognitive levels, knowledge categories, program outcomes, assignments and model test papers for the consumption of the students. 3. The students are continuously assessed and evaluated through assignments, classroom performance and internal assessment exams. The Mid-term exams and assignments and the performance of the students are mapped with the course outcomes. 4. The course level attainments and program outcome attainments are monitored for continuous improvement. 5. Feedback and monitoring on curriculum delivery is done through a wide-variety of mechanisms such as regular formal meetings of class representatives with the Head of Departments, Academic Council Meetings etc. Teaching Pedagogies: 1. There is a defined mechanism to conduct remedial and enrichment programs. While remedial classes are typically conducted after the regular college hours, enrichment programs for instance value-added courses, industrial visits, minor projects, guidance and mentoring etc., are inter-weaved throughout the semester for students. 2. The institution constantly strives to upgrade the infrastructure and procure resources for effective delivery of the curriculum such as LCD projectors, wire/Wi-Fi internet access in classes, teacher training on ICT and regular monitoring and feedback mechanisms. 3. Teachers provide a host of additional resources for the contents beyond the curriculum for many subjects to expose students to contemporary technical advancements. This additional content may be in the form of MOOCs, NPTEL lectures, YouTube videos, Guest Lectures etc. Curriculum Revision: 1. All Head of Departments and some of

senior faculty of CIET actively participate in framing the curriculum, in their capacity as members of the Board of Studies for different disciplines. Detailed feedback is provided by the representatives from CIET after internal discussions. 2. The University regularly upgrades the curriculum based upon the inputs received from the affiliated colleges.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepre neurship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	All UG Programs	27/11/2017

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

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Professional Ethics and Human Values	17/07/2017	370
Environmental Science	17/08/2017	408
CRT Training	17/07/2017	637
Life Skills	01/01/2018	34
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	All UG Programs	311
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes

Alumni	Yes
Parents	Yes

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

Feedback Obtained

Feedback on the teaching-learning process is received from students based on a structured questionnaire framed and approved by the IQAC and the Institution. The received feedback is analyzed by the HODs and forwarded to the Head of the Institution for further necessary action. Wherever required HODs interact and advise the faculty for necessary corrections in the Teaching-Learning Process. Teachers provide informal as well as formal feedback to the Head of the Institution on different academic, administrative and other affairs related to the college. Members of anti ragging committee and grievances committee also receive feedback from students. Grievances are addressed and suitable action is taken. Departments receive feedback from parents and discuss different issues related to the overall development of their ward. Such feedback received from different stake holders leads the administration in bringing all necessary appropriate changes. The college is planning to introduce online feedback system in future.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Civil Engineering	60	60	60
BTech	Computer Science & Engineering	120	120	120
BTech	Electronics & Communication Engineering	120	120	120
BTech	Electrical & Electronics Engineering	60	53	53
BTech	Mechanical Engineering	60	58	58
Mtech	Computer Science & Engineering	18	7	7
Mtech	VLSI & Embedded Systems Design	18	2	2

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers

	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2017	1400	16	113	6	0

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
119	119	10	13	2	6

View File of ICT Tools and resources

View File of E-resources and techniques used

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

An effective mentoring system is in place. All the faculty are assigned the duties of mentoring and the HODs oversee the functioning of the system. Each mentor is assigned with 15 to 20 mentees. Regular meetings between the mentor and mentees are planned. All difficulties/problems, academic, learning and personal are discussed and appropriate suggestions are given. Mentors maintain regular contact with the parents in resolving the issues if any. HODs and Principal ensure the effective implementation of the system through periodical reviews and meetings. It is noticed that the mentoring system improved the students' attendance and performance besides overcoming their personal problems.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1416	119	1:12

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
20	20	0	20	2

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination

BTech	UG	I Sem	25/11/2017	03/02/2018
BTech	UG	II Sem	04/05/2018	10/07/2018

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

Reforms in evaluation initiated by the college are as follows: • Academic calendar, which is given to the students at the commencement of the semester, includes the schedule of internal examinations. • Setting of question papers are reviewed by HODs and the papers are moderated if required. Exam cell monitors and ensures the smooth and proper conduct of internal examinations and the posting of internal marks within three days of the conduct of the examination. • After evaluation, answer scripts are shown to the students for personal verification and their doubts are clarified.

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

The affiliating university issues the Academic Calendar in the beginning of the academic year and is scrupulously followed by CIET. The Academic Calendar details the following: • Date of commencement of a semester. • Schedules of instructional days and internal exams. • Dates for conduct of University practical exams. • Dates of vacation periods • Dates of final examination

2.6 – Student Performance and Learning Outcomes

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

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http://chalapathiengg.ac.in/

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2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
PG	Mtech	VLSI & Embedded Systems Design	8	8	100
PG	Mtech	Computer Science & Engineering	2	2	100
UG	BTech	Mechanical Engineering	36	17	47
UG	BTech	Electrical & Electronics Engineering	9	6	67
UG	BTech	Electronics & Communication Engineering	68	47	69
UG	BTech	Computer Science &	100	67	67

| UG | BTech | Civil Engineering | 63 | 53 | 84 |

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2.7 – Student Satisfaction Survey

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

http://chalapathiengg.ac.in/SSS_2017-18.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Importance of IPR in Educational and Research Institutes	Mechanical Engineering	05/01/2018

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					

View File

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
Electrical and Electronics Engineering	1

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

Type	Department	Number of Publication	Average Impact Factor (if

International	Civil Engineering	9	3.37
International	Computer Science and Engineering	26	4.2
International	Electronics and Communication Engineering	39	5.41
International	Electrical and Electronics Engineering	15	1.45
International	Mechanical Engineering	4	0
International	Basic Science and Humanities	5	1.72

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

Department	Number of Publication
Computer Science and Engineering	29
Basic Science and Humanities	2

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Slot positioning on Microstrip antenna using Parametric Analysis	Parsha Manivara Kumar	Lecture Notes in Electrical Engineering	2018	0	Chalapathi Institute of Engineering and Technology	0
Effects of Square- and Rectangualr- shaped slots kept over the microstrip antenna	Parsha Manivara Kumar	Lecture Notes in Electrical Engineering	2018	0	Chalapathi Institute of Engineering and Technology	0
Improved tone reservation PAPR Reduction Algorithm	Dr M.Satya Sai Ram	Arabian journal for science and Engineering	2017	2	Chalapathi Institute of Engineering and Technology	2

Title of the Paper	Name of Author	Title of journal	Year of publication		Institutional affiliation as	

in NC-OFDM/OQAM system						
A NSA Maximum Directivity Bounding and its Radiation Aperture	Dr M.Satya Sai Ram	Journal of Advanced research in dynamical and control systems	2018	0	Chalapathi Institute of Engineering and Technology	0
NFF Micro wave antennas and NF Shaping of Spectrum using Different antennas	Dr M.Satya Sai Ram	Journal of Advanced research in dynamical and control systems (JARDCS)	2018	0	Chalapathi Institute of Engineering and Technology	0
optimization of co operative secondary users in cognitive Radio networks	Dr M.Satya Sai Ram	Engineering Science and Technology, Elsevier	2018	1	Chalapathi Institute of Engineering and Technology	1
Low area high speed LC-CSLA-RFFT Architecture for Radix to Decimation in frequency Algorithm	Dr M.Satya Sai Ram	Journal of Advanced research in dynamical and control systems (JARDCS)	2018	1	Chalapathi Institute of Engineering and Technology	1
Software-defined networking based secure rout-ing in mobile ad hoc network	Dr. BVVS Prasad	International Journal of Engineering Technology	2017	1	DRK College of Engineering and Technology	1
View File						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations	Institutional affiliation as

					excluding self citation	mentioned in the publication
Slot positioning on Microstrip antenna using Parametric Analysis	Parsha Manivara Kumar	Lecture Notes in Electrical Engineering	2018	0	0	Chalapathi Institute of Engineering Technology
Effects of Square- and Rectangualr- shaped slots kept over the microstrip antenna	Parsha Manivara Kumar	Lecture Notes in Electrical Engineering	2018	0	0	Chalapathi Institute of Engineering Technology
Improved tone reservation PAPR Reduction Algorithm in NC-OFDM/OQAM system	Dr M.Satya Sai Ram	Arabian journal for science and Engineering	2017	2	2	Chalapathi Institute of Engineering Technology
A NSA Maximum Directivity Bounding and its Radiation Aperture	Dr M.Satya Sai Ram	Journal of Advanced research in dynamical and control systems	2018	0	0	Chalapathi Institute of Engineering Technology
NFF Micro wave antennas and NF Shaping of Spectrum using Different antennas	Dr M.Satya Sai Ram	Journal of Advanced research in dynamical and control systems (JARDCS)	2018	0	0	Chalapathi Institute of Engineering Technology
optimization of co operative secondary users in cognitive Radio networks	Dr M.Satya Sai Ram	Engineering Science and Technology, Elsevier	2018	1	1	Chalapathi Institute of Engineering Technology

Low area high speed LC-CSLA-RFFT Archi tecture for Radix to Decimation in frequency Algorithm	Dr M.Satya Sai Ram	Journal of Advanced research in dynamical and control systems (JARDCS)	2018	1	1	Chalapathi Institute of Enginee ring Technology
Software –defined networking based secure rout-ing in mobile ad hoc network	Dr. BVVS Prasad	Internat ional Journal of Engineerin g Technology	2017	1	1	DRK College of Engineerin g and Tech nology, Jntuh, Bowrampet, Hyderabad, India

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

Number of Faculty	International	National	State	Local
Attended/Semi nars/Workshops	10	45	6	0
Presented papers	17	20	0	0
Resource persons	0	2	0	0

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Anti Drug Campaign Rally, Organized by Journalists Association of Andhra Pradesh (JAAP) and Dept. of Police, Guntur. Rally at Lodge Centre to Collector office	NSS	1	50
Anti Plastic Rally in Gorantla Village, Guntur	NSS	1	200
World Youth Skill	NSS	1	100

Day, Organized by DRDA Velugu APSSDC-SEEDAP, Govt. of AP			
Buttermilk Distribution in front of the college in the peak of summer.	Techwings Association	2	38
Eye Camp with collaboration of Sankara Eye Hospital in CIET Campus	NSS Techwings Association	2	250
Tree Plantation in CIET Campus, 80 Plants	Techwings Association	2	250
Dental Camp with collaboration of Sibar Dental College in CIET Campus	Techwings Association	2	250
Computer awareness program at municipal High school, Lakshmipuram	Techwings Association	2	35
Distribution of Books and Plates to elementary school Children, Gorantla	Techwings Association	2	38
Distribution of Eco-Friendly Ganapathi Idols, Lakshmipuram	NSS Techwings Association	3	42
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharath Program	NSS	Removal of Bushes Waste plants in CIET Campus and Surrounding	1	200

JanmaBhumi Program	NSS	Organized by Govt. of AP. A Two Day Rally about ODF awareness Camp and Govt. welfares Schemes Discussion at Jonnalagadda Village.	1	100
Anti Drug Campaign Rally	NSS	Organized by Journalists Association of Andhra Pradesh (JAAP) and Dept. of Police, Guntur. Rally at Lodge Centre to Collector office	1	50
Anti Plastic Rally	NSS	Organized a Rally in Gorantla Village, Guntur	1	200
Computer awareness program	Techwings Association	Computer awareness program at municipal High school, Lakshmipuram	2	35
		[View File]()		

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
MOU	Internship	Microlink Peripheral Controls Pvt. Ltd	01/05/2018	31/05/2018	5

Association	Internship	RB Department, Tenali	01/05/2018	10/06/2018	3
Association	Internship	MIEL Infra structures, Hyd	01/05/2018	10/06/2018	1
Association	Internship	Design Cell Arch Interiors, Vijayawada	01/05/2018	10/06/2018	6
Association	Internship	Nagarjuna Construction s, Kaikaluru	07/05/2018	08/06/2018	9
Association	Internship	NIES Techn ologies, Dil sukhnagar, Hyd	01/05/2018	10/06/2018	4
Association	Internship	Mycon Cons tructions, Hyd	01/05/2018	10/06/2018	6
Association	Internship	Conifer Labs and Associates, Guntur	01/05/2018	10/06/2018	2
Association	Internship	Square Yard Solutions, D ilsukhnagar, Hyd	01/05/2018	10/06/2018	5
Association	Internship	Missile Co nstruction, Guntur	01/05/2018	10/06/2018	14

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
DSNM Global Solutions	18/10/2017	Operating Monitoring the Infrastructure required for training	63
CADD CENTRE	10/01/2018	Training Programs	127
Lakshmi Cement Concrete Plant	27/03/2018	Field Visits	64
Microlink Peripheral Controls Pvt. Ltd	18/09/2017	Guest Lectures, Workshops, Technical Seminars, Internships	5

GRK Technologies Pvt, Ltd., Hyderabad	18/08/2017	Digitalization Software and Service regarding Smart Vidya Application	10

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
81.15	65.63

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
Others	Newly Added

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
NewGenlib software	Fully	ILMS V3.1.2 EE Helium	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	12631	4163314	1367	456565	13998	4619879
Reference Books	2615	866198	520	260000	3135	1126198
Journals	95	158820	3	7165	98	165985
e-	2	80500	0	3870	2	84370

Journals						
Digital Database	4	18000	0	0	4	18000
Library Automation	1	78750	1	12390	2	91140

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	426	7	40	7	1	16	22	40	0
Added	81	3	80	3	0	0	0	80	0
Total	507	10	120	10	1	16	22	120	0

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

120 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	NIL

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
26.85	25.31	12.5	13.8

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

Maintenance is carried out by institute technicians. AMCs are in place for different equipment. Up-gradation of the computer systems is done on yearly basis. To meet the changing demands, lab wise system up-gradation is carried out keeping in mind the need for up-gradation. Maintenance of the various systems is carried out as indicated below: 1.Computer systems maintained by Hardware and Software Inhouse staff. 2. Laptops and Projectors maintained by M/s Integrated Electronics Pvt. Ltd. 3.Elevator maintained by M/s Sunrise

Systems 4.Water treatment plant maintained through AMC with M/s Kavya Sree Agencies 5.UPS maintained through AMC with M/s Karthikeya Power Solutions 6.CCTV and Bio-metric Systems maintained by M/s Integrated Electronics 7.Electrical Systems maintained by In-house electrical staff 8.Water supply systems maintained by In-house plumbers 9.Sports facilities maintained by In-house staff under the supervision of Institute's Physical Director

http://chalapathiengg.ac.in/

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Functions, Celebrations and Scholarship for the Needy	246	2058150
Financial Support from Other Sources			
a) National	Post Metric Scholarship by Govt. of AP	1000	37307000
b)International	NIL	0	0

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Remedial Classes	17/11/2017	256	CIET
Language Lab	17/07/2017	408	CIET
Mentoring	17/07/2017	1400	CIET
Yoga	17/07/2017	174	CIET

View File

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2017	Seminar on M.S Program in USA and Australia	12	12	0	0
2017	How to crack GRE & IELTS	12	12	12	0
2017	Awareness	1	1	1	0

| 2017 | How to prepare for GATE/PGECET examination | 53 | 53 | 53 | 0 |
| 2017 | Career opportunities | 0 | 75 | 0 | 75 |

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
7	7	6

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
M.K Auto Components	17	5	Aliens Developers	47	6

View File

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	2	Bachelor of Technology	Computer Science and Engineering	CQ University, Australia	M.S
2018	2	Bachelor of Technology	Electronics and Communication Engineering	Sri Vidya Niketan college of Engineering	M.Tech
2018	1	Bachelor of Technology	Civil Engineering	FANSHAWE College, Canada	M.S
2018	1	Bachelor of Technology	Mechanical Engineering	Nalanda Institute of Engineering and Technology	M.Tech
2018	1	Bachelor of Technology	Civil Engineering	CQ University, Australia	M.S

2018	5	Bachelor of Technology	Electronics and Communication Engineering	Velganageswara Rao college of Engineering	M.Tech
2018	5	Bachelor of Technology	Electronics and Communication Engineering	Krishnaveni Engineering college for women	M.Tech
2018	1	Bachelor of Technology	Computer Science and Engineering	Nalanda Institute of Engineering and Technology	M.Tech
2018	3	Bachelor of Technology	Computer Science and Engineering	Guntur Engineering College	M.Tech
2018	1	Bachelor of Technology	Computer Science and Engineering	R V R JC college of Engineering	M.Tech
[View File](#)					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GRE	3
Any Other	62
[View File](#)	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Induction Program for I B.Tech students	Intra-College	321
Happy Sunday (GMC and Fest Samachar)	District Level	150
Independence Day (Singing, Extempore Talks)	Intra-College	130
Teachers Day	Intra-College	265
Engineer's Day (Essay Writing, Technical Quiz, Debate, Extempore Talks)	Intra-College	145
Fresher's Day for I B.Tech Students	Intra-College	406
30 Years Chalapathi Group (Folk and Traditional Dance Programs)	Chalapathi Group of Institutions	3500
Art of living	Intra-College	230

International Women's Day (Singing, Skit, Musical Chair, Extempore Talks)	Intra-College	50
A National Level Techno Cultural Sports Meet (Novum 2k18) (Sports and Cultural)	National Level	1625

View File

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Best Physique	National	1	0	Y15CS1270	M MAHESH KUMAR
2017	Power lifting	National	1	0	Y15CS1270	M MAHESH KUMAR
2018	Tennikoit	National	2	0	Y16CS1289	R KALYANI and P SIREESHA
2018	Throwball	National	12	0	Y14CS1237	G SINDHURA and Team
2018	Volleyball	National	9	0	Y15CS1219	B VENKATA REDDY and Team
2018	tennikoit	National	3	0	Y16CS1289	R KALYANI and Team
2018	Volleyball	National	9	0	Y15CS1219	B VENKATA REDDY and Team
2018	100m RUN	National	1	0	Y15CS1219	B VENKAT REDDY
2018	100m RUN	National	1	0	Y14CS1215	CH MANOHAR
2018	Shortput	National	1	0	Y15EC1282	S MANIKANTA

View File

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

The students are given due representation and role to play in different Statutory and Non-Statutory bodies of the institute. Students are part of various committees like Grievance Redressal Committee, Hostel Committee,

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. Chalapathi Institute of Engineering Technology Alumni Association (CIETAA) was registered on 12/05/2016 by the Registrar of Societies, Guntur. Alumni committee was formed with 15 faculty members and 11 student members. The Institution established a network among the alumni members and the institution by conducting alumni meets. In the Alumni meetings issues like academic and infrastructure development, support for entrepreneur development activities are discussed. Alumni are invited to address the students and share their experiences and success stories on Saturdays on a regular basis. Achievements of Alumni are appreciated and recorded. Technical support is extended to Alumni by the faculty as and when required.

5.4.2 – No. of enrolled Alumni:

308

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

4148

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Regular meetings of the HODs are held to discuss all matters of academics and administration and appropriate plans are chalked out from time to time and implemented. An amount of Rs.5000/- is available as imprest amount with the HODs for purchasing spares and consumables, carrying out minor repair works, and to meet any contingency expenditure. In the beginning of the academic year teams consisting of faculty and supporting staff are formed to meet the prospective students and parents and explain the facilities and salient features of the institution. Each and every faculty and staff play their role in organising all the continuing education activity, institute functions. Different committees formed with faculty, staff and students carryout academic, curricular, co-curricular and extra-curricular activities.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Curriculum is set by the Affiliating University where at least one staff member from each department is a member in the respective Board of Studies. All these members actively involve in the

	deliberations and make valuable suggestions which are all discussed in the different boards of studies of the affiliating university, ANU.
Teaching and Learning	Regular participation of faculty in different continuing education activities in different national level institutions is motivating them to be abreast of the contemporary trends of industry, domain and the pedagogical processes. Organising workshops, seminars, guest lectures, and industrial tours by students' associations of the departments, coverage of content beyond the curriculum by the faculty, covering the latest tools and technologies and regular use of ICT in class rooms is immensely contributing to the enhancement of Teaching-Learning process.
Examination and Evaluation	Periodic assessment and evaluation through assignment tests and Mid-Term exams are carried out as per University regulations. The right answers and the answering pattern are explained by the concerned faculty to the class and the answer scripts are shown to students so as to improve their performance. Tutorial classes are conducted to help the students to get better problem solving approach. Remedial classes are held for the identified slow learners.
Research and Development	All efforts are spent by the RD committee in broadening the academic perspective and research aptitude by organising presentations on research trends by experts and faculty. Faculty are encouraged to publish papers in peer reviewed journals with financial incentives. Faculty without Ph.D degree are encouraged to register for Ph.D and they are given study leave for pursuing their research activities. Eligible doctorates of the campus are guiding students for their Ph.D under different universities. Number of publications in indexed journals has increased considerably.
Library, ICT and Physical Infrastructure / Instrumentation	Library is augmented with a big number of ICT resources such as e-Journals, e-Books, Digital data base, CDs and Videos. LCD Projectors are installed in all classrooms and are used by faculty to exploit ICT resources. Computers and equipment are

	replaced immediately after optimum utilization. Built-up area is made available for meeting the growing needs.
Human Resource Management	Institute has defined policies for recruitment and are implemented by publishing the requirements in the media and giving due weightage to the merit. The recruited faculty are groomed well with an induction program and other continuing education programs. The faculty and staff are paid through bank. Time and Attendance are monitored on a daily basis. Performance record is maintained and annual Performance appraisal is done with a defined format. All sorts of continuing education activities are held on a regular basis. Faculty are encouraged to attend the FDPs conducted by the national institutes and Universities that are relevant to their area of specialization/research by reimbursing the registration fees. Faculty and staff actively involve and participate in organizing different Seminars and Conferences. IQAC creates awareness among faculty regarding quality. Grievance cell is present to address issues for both staff and students.
Industry Interaction / Collaboration	MoUs are entered with nearby industries by all departments. Students are sent for industry visits to these industries for practical exposure and hands on experience. The services of the industry experts are best utilized for different continuing educational activities conducted in campus for students and faculty. Alumni working in industry visit the institute to interact with the students about the varying needs and trends of recruitment in industry and in some cases they impart the training.
Admission of Students	Admission of students is governed by the AP State Government. Help is extended to prospective students by providing scholarships for deserving poor and merit students.

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

E-governace area	Details
Planning and Development	Institute is making use of Tally accounting software in preparing the yearly budget, pay roll etc, Student

	fee receipt system and student attendance management system to facilitate office accounting system, student fee collection and sending messages of attendance reports to the parents. The budget requirements for new lab setup addition of new equipment, maintenance and other recurring expenditure are called from all the departments, Library, Sports and Exams. Requirements received from departments are reviewed, the proposals are revised if required and are consolidated. The departments in procuring the approved equipment call for quotations, both technical and commercial evaluations and negotiations are done and are ordered.
Administration	The College Administration is done in both vertical and horizontal directions. Principal periodically holds meetings with the Heads of departments and takes decisions related to all academic and administrative matters which are in alignment with the policies of the statutory bodies and same is forwarded to the regulating authorities. Once approved, they are informed and circulated among the heads of the departments. HODs coordinate internal activities of their respective departments. HODs disseminate the information through faculty meetings/ email/ SMS to the stake holders like staff, students and parents. Many of the activities like students' admissions data, students' fees payments, library functions etc. were digitised.
Finance and Accounts	Tally software and student fee management system are in operation for administrative work (Fee collection, Payment of salaries and Student Records). Cash book is maintained on a daily basis, payments are done with vouchers. Acquittance register is maintained. These are all verified and certified by the auditing agency. Budget proposals are received from the departments both as a hard copy and through e-mail. These are reviewed, tailored and consolidated by the principal in the presence of HODs and are sent to the Governing Body for approval and necessary financial sanction. The Library committee prepares and plans the library budget

	with the help of individual departments.
Student Admission and Support	The admission enquiries, details of admitted students, scholarships given and other related student data, monitoring the attendance and progress, sending reports to the parents, the feedback collection are all digitized and are being used. Digital library is established and NewGenlib software is used for issues and returns in the library. Students facing unforeseen financial and other challenges are given financial support. Online feedback system has been taken up to foster transparency by inviting innovative ideas / suggestions for improvement in various academic and administration functions. A structured student grievance committee is in place which includes student members, resolves all the issues and grievances of the students. Different committees wherein students are members takes up issues like transport, hostel, sports, cultural activities, canteen etc.
Examination	All precautions are taken to conduct examinations in a fair and transparent manner. Answer sheets are shown to students for their verification. Internal theory and practical examination marks are posted, consolidated and maintained and are sent to the university in digital form. University sends the question paper for the theory examinations as a softcopy. Half an hour before the examination, unique code is received from the university the question paper is printed and the exam is conducted. University also has a scheme of revaluation of results for students by paying a nominal fee.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017	Dr.K.Kiran Kumar	NA	MISTE LIFE MEMBERSHIP	3000
2017	Mr.P.SubboRao	NA	MISTE LIFE MEMBERSHIP	3000

Year	Name	Title 1	Title 2	Amount
2017	N.Jagajeevan	NA	MISTE LIFE MEMBERSHIP	3000
2017	P.Sowjanya	Journal Publication	NA	2000
2017	M.Yamuna	Journal Publication	NA	2000
2017	Dr. B. Rajesh	Journal Publication	NA	5500
2017	Dr. K. Ravichandrudu	FDP on Application of Power Engineering at LBRCE	NA	5000
2017	Dr. R. Srinivasulu	Conference on Recent advances in Medicinal Chemistry	NA	200
2017	K.Aruna Kumari	NA	MISTE LIFE MEMBERSHIP	3000
2018	Dr.K.Kiran Kumar	FDP	NA	2000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	A Guest Lecture on High-rise Building Foundations	Nill	17/11/2017	17/11/2017	13	0
2017	International Conference On Recent Advances in Electrical and Electronics Engineering ICEEE 2017	Nill	14/07/2017	15/07/2017	13	0
2017	A workshop on GIS and Mapping	Nill	29/12/2017	29/12/2017	5	0

2017	Two day workshop on Ansys Structural Training	Nill	28/11/2017	28/11/2017	10	0
2018	A Guest Lecture on Planning of Area	Nill	06/02/2018	06/02/2018	13	0
2018	Three Day Workshop on Application of Programmable Logic Controllers	Nill	19/04/2018	21/04/2018	13	0
2018	A two day Workshop on Cyber Security Malware Analysis	Nill	05/01/2018	06/01/2018	5	0
2018	Practical RF Antenna Design	Nill	04/06/2018	10/06/2018	45	0
2018	Two day workshop on Product Development	Nill	03/01/2018	04/01/2018	10	0
2018	A two day Workshop on Virtual Reality and IOT	Nill	07/02/2018	08/02/2018	2	0
[View File](#)						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP on Foundation Program on ICT Program	1	03/08/2017	17/08/2017	15
FDP on Research Methodologies	3	18/09/2017	23/09/2017	7

and Technical Paper writing				
FDP on Design and Analysis of RCC Structures using STAAD Pro V8i	7	30/10/2017	04/11/2017	6
FDP on Education for the Future	13	18/11/2017	19/11/2017	2
FDP on Faculty Intelligence Learning Module	10	28/05/2018	02/06/2018	6
Application of Power Engineering	4	07/05/2018	11/05/2018	5
Real time Control of Solar Inverters using DSPACE and DSP	4	13/11/2017	15/11/2017	3
Education for the Future	5	18/11/2017	19/11/2017	2
Applications of MATLAB and SIMULINK	1	07/12/2017	09/12/2017	3
IOT Based Real Time Control For Industrial Applications Using PIC, Arduino And Soft Computing	2	15/12/2017	17/12/2017	3
[View File](#)				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
20	20	11	11

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Insurance, Provident Fund	Group Insurance, Provident Fund	Group Insurance, Annual Poor and Merit Scholarships, CRT Training

6.4 – Financial Management and Resource Mobilization

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

The institute conducts internal and external audits on the financial transactions every year. Internal audits are conducted twice a year. College has full time Accountants to maintain annual Income and expenditure statements and balance sheet both at the levels of the institution and the Chalapathi Educational Society. External audit is conducted once a year. Financial Audit is carried out by the external agency M/s C.M.Rao Co, charted accountants. The agency does thorough scrutiny of the cashbook, details of receipts from Government and Students, payment vouchers and bank deposits available. The agency also verifies credit bills, salary statements, bank statements and TDS details. Upon completion the agency submits its reports which are found to be satisfactory.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	One Internal and One External faculty	Yes	IQAC
Administrative	Yes	M/s C.M.Rao Co, CA	Yes	Chalapthi Educational Society

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

Parent-Teacher meetings are held, the issues faced by their wards are heard, advices are sought from the parents, the Academic progress of their wards, are all deliberated. A structured mentoring system is in place, Parents are appraised by the mentor about the student regularity and performance. Daily attendance is sent to the parents through an SMS. Monthly attendance reports are posted to parents. Whenever disciplinary action is warranted, the concerned parent is involved in the process.

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

Supporting staff are trained on the use, usage and maintenance of new equipment at the time of installation. Deputed for training on latest tools and technologies held in other institutions. They are encouraged for pursuing higher studies and are sponsored for training programs outside the institution and are appropriately promoted upon acquiring additional qualification.

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

Initiated the application process for NBA accreditation of all five UG programs. Choice based credit system (CBCS) is introduced by including open electives and by broadening the scope of core electives and system is

streamlined. The takers for the elective MOOC courses are on the increase and faculty are encouraged to pursue NPTEL courses. The Marks awarding procedure is replaced with SGPA and CGPA and the conversion scale is introduced. Augmenting and utilizing the ICT resources in the Teaching-Learning process has increased manifold.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	Faculty Induction Program	12/10/2017	12/10/2017	12/10/2017	20
2018	Internal Academic Audit	10/04/2018	10/04/2018	19/04/2018	15

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Guest Lecture arranged on International Women's Day	08/03/2018	08/03/2018	425	19

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

Percentage of power requirement of the University met by the renewable energy sources
Maintenance of clean and green campus- Improvement of greenery, Creating awareness of cleanliness habits Water harvesting system- Planned and directed percolation pits Awareness boards across the campus regarding water and power savings. Harnessing the solar power to meet the power requirement by 11 percentage.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	742
Ramp/Rails	Yes	1
Rest Rooms	Yes	3

Scribes for examination	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2017	1	1	15/09/2017	1	Engineers Day	To inculcate the habit of updating engineering technical knowledge and career planning.	1200
2017	1	1	13/12/2017	1	Techwings Association initiatives	Computer Awareness Program for High School Students	35
2018	1	1	08/03/2018	1	Womens Cell initiative	Literacy Empowerment	220

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

Title	Date of publication	Follow up(max 100 words)
Service and Conduct rules of CIET Leave rules	01/07/2017	These rules are reviewed and updated periodically

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Eco-friendly Ganesh (idols) distribution	25/08/2017	25/08/2017	42
Anti-Plastic and Polythene Awareness programme	19/07/2017	19/07/2017	200
Anti Drug Campaign Rally	06/08/2017	06/08/2017	50
Rally for Rivers	02/09/2017	02/09/2017	100

Blood Donation Camp	18/10/2017	18/10/2017	200
VANAM-MANAM Plantation	01/11/2017	01/11/2017	250
End now Polio Rally	25/12/2017	25/12/2017	250
ODF Awareness Rally	03/01/2018	04/01/2018	100
Blood Donation Camp	18/01/2018	18/01/2018	20
Dental Checkup Camp	19/01/2018	19/01/2018	300

[View File](#)

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

• Harnessing the solar power • Water harvesting system • Vermicomposting of green wastage • Maintenance of green cover • Distribution of clay Ganesha idols for Vinayaka Chavithi.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice #1: Value Education: Different activities are held to create awareness among the students and faculty, such as Malware detection, financial frauds, security aspects, patent rights etc,. • A subject by name Professional Ethics and Human values is taught as a regular subject for all the students to impart moral values and life skills. • A workshop on "Cyber Security and Malware Analysis" was conducted for the benefit of staff and students for ensuring the Safety and security of the computers used by them in various departments, groups and cells of the institute. • A Guest lecture on "Importance of IPR in Educational and Research Institutes" was arranged for staff and encouraged them to apply for securing patents/Copy rights for the innovations created by them. Best Practice #2: Green initiatives: It is felt that students must be made aware of their duties and responsibilities towards society, nature and world at large and also the need for them to be a part of the nation and to conserve it. • Solar energy: The College has installed 100 KVA rooftop solar panels and linked them with the existing Andhra Pradesh State Electricity grid system and 11 saving in conventional energy and the same was demonstrated to students. • Rainwater harvesting: This initiative is able to ensure the rainwater on the sprawling campus is percolated through the soil so that the deep water aquifer/ underground water reserve gets replenished. To start with, four rain water collecting pits have been constructed in the campus. • Vermi-composting: The fallen dried leaves in the campus are collected and buried periodically to get organic manure for plants. • Horticulture: Except for the playground area, the entire campus is covered with trees, grass, ornamental plants, flower plants, etc. so that the campus is evergreen. • E-waste management: Repairing and recycling of laptops, computer hardware, projectors is encouraged and executed frequently. Some departments use overhauled computer peripherals and laptops as a part of this process.

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

http://chalapathiengg.ac.in/IQAC/Best_Practice_2017-18.pdf

7.3 – Institutional Distinctiveness

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

Details of the performance of the institution in one area distinctive to its vision, priority and thrust Removal of obsolescence and modernization of equipment is regularly done in all the laboratories. Faculty are encouraged to pursue research activities by liberal sanctioning of study leave and extending financial support. Students are also provided with the financial and material benefits to undertake innovative projects. Different social outreach activities are taken up in the neighbourhood by understanding the local needs of the society in the surrounding villages. Awareness programs on cleanliness, sanitation, technology exploitation in meeting their needs, social evils are conducted. Paying back society activities like Blood donation camps, Tree plantations are regularly conducted. The needy and poor people are assisted through blanket distribution, book distribution and computer literacy programs. All National/International functions like Independence Day, Republic Day, Teachers' Day, Engineers Day and International Womens Day etc are conducted to inspire and motivate the students. Ethical and Moral values are imparted to the students by making "Professional Ethics and Human Values" a compulsory subject in the syllabus. In addition, psychologists/doctors/entrepreneurs visit the college and address the students to guide them in their studies and for career planning.

Provide the weblink of the institution
http://chalapathiengg.ac.in/IQAC/Performance_of_the_Institution_2017-18.pdf

8.Future Plans of Actions for Next Academic Year

• Focusing on faculty Ph.D registrations and increasing the quantity and quality of research publications. • Giving impetus to innovation and entrepreneurial activities and establishment of Industry Incubation Centres • To aim at improvising the NAAC Accreditation score • To improvise OBE activities and to streamline the tagging of COs, POs, PSOs and to consolidate OBE Philosophy oriented pedagogy. • Initiating all the steps to ensure NBA accreditation for all the UG Programs of CIET. • Make CIET campus Plastic Free • Increase the green cover in the campus. • Promoting students to National/ International Industry driven competitions. • Improvement in Library resources utilization. • Secure NBA accreditation for all the UG Programs of CIET.