



Yearly Status Report - 2018-2019

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 M CHANDRA SEK HAR
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	chalapathientech@yahoo.com
Address	Chalapathi Nagar, LAM
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/IOAC/AOAR_2017-18_report.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://chalapathiengg.ac.in/2018%20index/btech%20ac%201819.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	01-Jul-2015
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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
Regular Meeting of IQAC	24-Jul-2018	17

	1	
Regular Meeting of IQAC	03-Jan-2019 1	17
Regular Meeting of IQAC	10-May-2019 1	17
Ensured that feedback was obtained from all stakeholders by the respective departments.	30-Mar-2019 1	1674
Ensured that mentor-mentee system is implemented scrupulously.	30-Mar-2019 1	1520
Ensured that the regular academic activities like Completion of syllabus, conducting of exams, preparation of progress reports etc are carried out as per the Academic Calendar.	30-Mar-2019 1	1674
Ensured that all the departments have prepared the NAAC and NBA documentation and submitted in time.	29-Jun-2019 1	119
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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
NIL	NIL	NIL	2019 0	0
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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 :	3
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
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12. Significant contributions made by IQAC during the current year(maximum five bullets)

Quality Calendar prepared and the implementation is ensured
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

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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
Each Department is mandated to conduct all continuing education activities	All the faculty get benefited and are equipped with the state of art trends of tools and technologies
All departments to conduct Guest Lectures for each class in each semester by academic and industry experts	Content beyond the curriculum is covered and the students come to know the latest of the domain
Collect feedback from students and other stakeholders	Suggestions from stakeholders considered and implemented and the issues are resolved
Summary of result analysis to be prepared	It helped to identify the slow learners and to arrange for Remedial action and concrete improvement could be seen
Studyhours arranged for hostel students	Pass percentage improved
Arrange training to III IV B.Tech Students by Professional Trainers	Placements improved
Training programs on the accreditation process of NAAC and NBA and the OBE	Faculty are enabled to understand the processes and prepared the appropriate documentation
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
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Academic Council	11-Sep-2019
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	02-Nov-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	16-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Management Information System is used for 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. Events of importance like Independence Day, Republic Day, Engineer's Day, Teacher's Day, National Science Day, International Women's Day, etc., are regularly conducted with active participation and contribution from the students and faculty.</p>

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 and NBA accreditations, the institution continues to implement the Outcome based Education System in a full fledged manner during 2018-19. The curriculum delivery, assessment and evaluation are all ensured as follows: 1. The affiliating university (Acharya Nagarjuna University) publishes the academic calendar notifying the instructional days, examination schedule, vacation periods etc., and the same is circulated among the faculty and students for the benefit and implementation. 2. Comprehensive course files consisting of lecture plan, course outcomes, and its tagging with cognitive levels, knowledge categories, program outcomes, program specific outcomes,

assignments and model test papers are prepared much before the academic session and the faculty stick to it. 3. The students are continuously assessed and evaluated through assignments, classroom/Laboratory 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 calculated and are used for necessary 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 such as LCD projectors, wired/Wi-Fi internet access in classes, for effective delivery of the curriculum. Teacher training on ICT and pedagogy, regular monitoring and feedback mechanisms ensure the proper Teaching-Learning mechanism. 3. A host of additional resources for the contents beyond the curriculum to expose students to contemporary technical advancements are provided. This additional content includes MOOCs, NPTEL lectures, YouTube videos, Guest Lectures etc. Curriculum Revision 1. A commendable role is played by the HODs and senior faculty of CIET in framing the curriculum by providing inputs, in their capacity as members of the Board of Studies of the affiliating university. Detailed feedback is provided by these representatives, which leads to necessary corrections in the curriculum. 2. The University regularly upgrades the curriculum based upon the inputs received from the affiliated colleges to be on par with any other university and to meet the requirements of the statutory bodies.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Python Programming	NIL	21/01/2019	14	Employability	nil

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	28/11/2018

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

	Certificate	Diploma Course
Number of Students	15	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 Human Values	16/07/2019	431
Python Programming	25/10/2018	37
Environmental Science	16/07/2018	395
CRT Training	16/07/2018	684
MOOCS (Life Skills)	14/12/2018	77
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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	420
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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
<p>A structured questionnaire is framed and is approved by IQAC and the Institution and is in use to collect feedback on the teaching-learning process from students. The feedback is analyzed in the departments 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 and 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 all the 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.</p>

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	59	59
BTech	Computer	120	120	120

	Science and Engineering			
BTech	Electronics and Communication Engineering	120	120	120
BTech	Electrical and Electronics Engineering	60	54	54
BTech	Mechanical Engineering	60	44	44
Mtech	Computer Science and Engineering	18	13	13
Mtech	VLSI and Embedded Systems Design	18	15	15
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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 in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1520	35	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	Number of smart classrooms	E-resources and techniques used
119	119	10	20	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 Mentor-Mentee mapping is in place. The faculty does mentoring enthusiastically and the HODs oversee the functioning of the system. 15 to 20 mentees are assigned to each faculty and a student mentoring register is maintained for each student. Mentor and Mentees meet frequently and all academic, learning and personal difficulties/problems are discussed and appropriate suggestions/remedies 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
1555	119	1:13

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
29	29	0	29	7

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	DR.K.KIRAN KUMAR	Associate Professor	BEST PATENT AWARD BY ACHARYA NAGARJUNA UNIVERSITY
2018	DR.P.VIJAYA SARADHI	Professor	YOUNG SCIENTIST AWARD BY IARDO ORGANISATION
2018	DR.P.VIJAYA SARADHI	Professor	BEST RESEARCH PAPER BY IARDO ORGANISATION

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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	II SEM	01/05/2019	17/07/2019
BTech	UG	I SEM	24/12/2018	20/03/2019

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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: • At the commencement of the semester, wide publicity is given to the university academic calendar that includes the schedule of internal examinations. • The internal question papers are reviewed by HODs and 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, the faculty explains the right answer and way of answering in the class and the 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)

CIET being the affiliated institute, it strictly adheres to the university Academic Calendar. The Academic Calendar details the following: • Date of commencement of the semester. • Schedules of instructional days and internal exams. • Dates for conduct of University practical exams. • Dates of vacation

2.6 – Student Performance and Learning Outcomes

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

<http://www.chalapathiengg.ac.in/cpeo.html>

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	2	2	100
PG	Mtech	Computer Science and Engineering	5	5	100
UG	BTech	Mechanical Engineering	46	24	52
UG	BTech	Electrical & Electronics Engineering	39	21	54
UG	BTech	Electronics & Communication Engineering	91	69	76
UG	BTech	Computer Science and Engineering	111	93	84.5
UG	BTech	Civil Engineering	59	44	75

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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_2018-19.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
Total	0	0	0	0

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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
Patenting and copy rights and issues	Electrical and Electronics Engineering	13/02/2019

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
Best Research Paper	Dr. Vijayasarithi. P	International Association of Research and Developed Organization (IARDO)	28/10/2018	Research
International Youth Scientist Award	Dr. Vijayasarithi. P	International Association of Research and Developed Organization (IARDO)	28/10/2018	Research
Best Patent	Dr. K. Kiran Kumar	Acharya Nagarjuna University	23/11/2018	A Device for Assisting a disable person for converting commands given by fingers.

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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
nil	nil	nil	nil	nil	01/12/2019

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	2

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

Name of the Department	Number of PhD's Awarded
0	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil Engineering	9	4.72
International	Computer Science and Engineering	11	3.42

International	Electronics and Communication Engineering	19	3.79
International	Electrical and Electronics Engineering	2	5.9
International	Mechanical Engineering	1	1.81
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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
Electrical and Electronics Engineering	2
Computer Science and Engineering	13
Electronics and Communications Engineering	2
Mechanical Engineering	1
Basic Sciences and Humanities	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Wear Mechanism Tool Performance of TiAlN Coated During Machining of AISI410 Steel	Dr.P.Vijaya Saradhi	Journal of Bio and Tribo Corrosion	2018	0	Chalapathi Institute of Engineering Technology	2
A Hybrid Enhanced Independent component analysis approach for segmentation of Brain Magnetic Resonance Image	Dr M.Satya Sai Ram	Defense life science Journal (DRDO).	2018	5	Chalapathi Institute of Engineering Technology	5
Optimization of co	Dr M.Satya	Engineering	2018	1	Chalapathi	1

operative secondary users in cognitive Radio networks	Sai Ram	Science and Technology, Elsevier Elsevier			Institute of Engineering Technology
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Wear Mechanism Tool Performance of TiAlN Coated During Machining of AISI410 Steel	Dr.P.Vijaya Saradhi	Journal of Bio and Tribo Corrosion	2018	10	2	Chalapathi Institute of Engineering Technology
A Hybrid Enhanced Independent component analysis approach for segmentation of Brain Magnetic Resonance Image	Dr M.Satya Sai Ram	Defense life science Journal (DRDO).	2018	5	5	Chalapathi Institute of Engineering Technology
Optimization of cooperative secondary users in cognitive Radio networks	Dr M.Satya Sai Ram	Engineering Science and Technology, Elsevier Elsevier	2018	1	1	Chalapathi Institute of Engineering Technology
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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/Seminars/Workshops	6	29	14	0
Presented papers	19	0	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
APSSDC Job Mela Programme	NSS	1	80
Run for the Future 7K Run on the Eve of National Sports Day	NSS	1	75
5K RUN Joint Health Walk/Run (Race Against Osteoarthritis)	NSS	1	100
The Freedom Run (5K Run)	NSS	1	100
Plastic awareness program at NTR Raithu Bazaar, Pattabhipuram, Guntur	Techwings Association	2	45
CRPF Fund	Techwings Association	2	100
Distribution of Blankets to road side Poor People	Techwings Association	2	18
Eco-Friendly Ganesh Idols Distribution at Sitharamaiah High school, Lakshmipuram, Guntur	Techwings Association	2	32
Distribution of 100 Chairs to Specially Challenged Children at Leema Home, Kakani road, Guntur	Techwings Association	2	27
Helping hands to kerala flood victims donate to Kerala CM found	Techwings Association	2	174

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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
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NIL	NIL	NIL	0
No file uploaded.			

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 activities	Number of students participated in such activities
Anti Plastic Anti Polythene Awareness Program	NSS	Organized an Awareness Program about Anti Plastic Anti Polythene in Lakshmipuram, Guntur and also 500 Cotton bags are distributed to the people at end of the program.	1	50
Swachh Bharath Program	NSS	Removal of Bushes Waste plants in CIET Campus and Surrounding areas.	1	50
JanmaBhumi Maavooru Program (JBMV)	NSS	Organized by H.E, Govt. of AP. ODF awareness Camp and Govt. welfares Schemes Discussion at Jonnalagadda Village	1	40
Swachh Bharath Program	NSS	Removal of Bushes Waste plants in CIET Campus and Surrounding areas.	1	50
Health Awareness Camp	NSS	Awareness of Heart Diseases and first aid treatment at the time of heart attack. Jointly association with Ramesh Hospital, Guntur	1	65

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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
NIL	NIL	NIL	0
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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
Association	Industry Institute Interaction	Sri Hanumanth Kalivara Construction, Guntur	05/05/2019	05/06/2019	1
Association	Industry Institute Interaction	Grand Projects, M.G Road, Vijayawada	06/05/2019	30/06/2019	1
Association	Industry Institute Interaction	Sree Hema Arch Construction, Guntur	05/05/2019	05/06/2019	1
Association	Industry Institute Interaction	BL Kashyap Sons Ltd, Hyd	14/05/2019	22/06/2019	1
Association	Industry Institute Interaction	Missile Construction, Guntur.	10/05/2019	10/06/2019	8
Association	Industry Institute Interaction	Ario Infrastructures Pvt Ltd, 1st Floor, Anjali Chamber, R.C Dutt Road, Vadodara-390007.	11/05/2019	10/06/2019	6
Association	Industry Institute Interaction	Sai Karthik Associates, Guntur.	06/05/2019	23/06/2019	2
Association	Industry Institute Interaction	Sri sai Architects, Guntur.	06/05/2019	06/06/2019	5
Association	Industry Institute	Tanigundla Venkatreddy	11/05/2019	10/06/2019	10

	Interaction	Construction ,Kakinada.			
Association	Industry Institute Interaction	Panchayat Raj Department, Guntur, Tenali, Ponnur, Repalle, Vinukonda	07/05/2019	10/06/2019	11
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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
CANTER CADD	12/07/2018	Workshops	175
CANTER CADD	12/07/2018	FDP	10
MAZENET Solutions Pvt Ltd., Chennai	24/04/2019	Training, conducting courses and exams	10
Caddy Code Solutions pvt Ltd., Bangalore	25/05/2019	Training and Internships	10
Sree Lakshmi Ganapathi Engineering Work (Kumar Pumps)	16/04/2019	Industrial Visits, Training Programs, Project Works, Campus Recruitments, Guest Lectures, Technical Seminars, Workshops	69
MM Enterprises	12/06/2019	Industrial Visits, Training Programs, Project Works, Campus Recruitments, Guest Lectures, Technical Seminars, Workshops	3
AUTO DESK	25/04/2019	Guest Lectures, Workshops	100
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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
109.1	59.47

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing

Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	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
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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	13998	4619879	621	260500	14619	4880379
Reference Books	3135	1126198	149	126835	3284	1253033
Journals	98	165985	0	0	98	165985
e-Journals	2	84370	0	0	2	84370
Digital Database	4	18000	0	0	4	18000
Library Automation	2	91140	0	0	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
NIL	NIL	NIL	01/12/2019
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co	Computer	Internet	Browsing	Computer	Office	Departme	Available	Others
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	computers	Lab		centers	Centers		nts	Bandwidth (MBPS/GBPS)	
Existing	507	10	120	10	1	16	22	120	0
Added	0	0	0	0	0	0	0	0	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 incurred on maintenance of physical facilities
39.56	16.45	32.5	27.82

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)

In general the institute technicians carry out the maintenance works. Also AMC's are in place for different equipment of various laboratories. Up-gradation of the computer systems is done annually to meet the changing advanced needs of computing. Maintenance of the various systems is carried out as indicated below: 1. Computer systems maintained by Hardware and Software In-house 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/IQAC/maintenance.pdf>

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	175	2312200
Financial Support from Other Sources			

a) National	Post Metric Scholarship by Govt. of AP	1103	40826000
b) International	0	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 implementation	Number of students enrolled	Agencies involved
Remedial Classes	20/11/2018	390	CIET
Language Lab	16/07/2018	397	CIET
Mentoring	16/07/2018	1520	CIET
Yoga	16/07/2018	250	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 passed in the comp. exam	Number of students placed
2018	Session on GATE/PGET	51	0	51	0
2018	Seminar on higher studies in USA, UK, Australia and Canada	28	28	28	0
2018	Awareness Program GRE, IELTS	28	28	28	0
2018	Career counselling and study in abroad	28	28	28	0
2018	Awareness Program on CAT/MAT/ICET	2	2	2	0
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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
14	14	5

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
VARUN MOTORS	41	9	TCS	282	4
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	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	Bachelor of Technology	Mechanical Engineering	GRIFFITH UNIVERSITY	M.S
2019	1	Bachelor of Technology	Electrical and Electronics Engineering	GRIFFITH UNIVERSITY	M.S
2019	1	Bachelor of Technology	Electrical and Electronics Engineering	Northern College Of Applied Arts and Technology (Pures Campus)	M.S
2019	1	Bachelor of Technology	Electronics and Communication Engineering	Chebrolu Engineering College	M.Tech
2019	1	Bachelor of Technology	Electronics and Communication Engineering	University Of East London	M.S
2019	1	Bachelor of Technology	Electronics and Communication Engineering	Lambton College, Toronto	M.S
2019	1	Bachelor of Technology	Electronics and Communication Engineering	Pittsburg State University	M.S
2019	1	Bachelor of Technology	Computer Science and Engineering	Northern College Of Applied Arts and Technology (Pures	M.S

				Campus)	
2019	1	Bachelor of Technology	Computer Science and Engineering	University at Albany	M.S
2019	1	Bachelor of Technology	Computer Science and Engineering	Southeast Missouri State University	M.S
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
GATE	1
GRE	2
Any Other	67
View File	

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

Activity	Level	Number of Participants
A National Level Techno Cultural Sports Meet (Novum 2k18) (Sports and Cultural)	National Level	1485
Success Summit for NBA Accreditation	Intra-College	450
Amaravathi Chandrudu organized by Govt. of AP	State Level	400
Gandhi Jayanthi	Intra-College	75
Engineer's Day (Essay Writing, Technical Quiz, Debate, Extempore Talks)	Intra-College	80
Ganapathi Saikata Silpam	Intra-College	50
Teachers Day	Intra-College	350
7K Run	Intra-College	12
5K Run organized by GMC	District Level	50
Induction Program for I B.Tech students	Intra-College	324
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
2018	Best	National	1	0		M.

	Physique				Y15CS1270	MAHESH KUMAR
2018	Boxing	National	1	0	Y17EC1262	M SAI AKHIL REDDY
2019	chess	National	1	0	Y17EC1262	M SAI AKHIL REDDY
2019	chess	National	1	0	L18EE1251	G PRAKASH RAO
2019	Tennikoit	National	1	0	L17EE1218	P SIREESHA
2019	Tennikoit	National	2	0	Y16CS1289	R KALYANI
2019	Throw ball	National	10	0	Y17EC1213	V.CHARMINA and Team
2019	Volleyball	National	10	0	Y15CS1219	B VENKATA REDDY and Team
2019	Solo Dance	National	0	1	Y18EE1251	T.PURNA LAKSHMI
2019	Ramp Walk	National	0	15	Y15CS1238	G.VINOD SAI and Team
View File						

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

All departments have department associations which with the help of faculty arranged for guest lectures, industry visits and social activities. In all Statutory and Non-Statutory bodies of the institute, the students are given due representation and role to play. Students are part of various committees like Grievance Redressal Committee, Hostel Committee, Transport Committee, Anti-Ragging Committee, IQAC, and Women's Welfare Committees etc and are actively involved.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

YES. The alumni association by name, "Chalapathi Institute of Engineering and Technology Alumni Association (CIETAA)" was registered on 12/05/2016 by the Registrar of Societies, Guntur. Alumni committee was formed. The Institution has established a network among the alumni members and the institution is conducting alumni meets every year. Vital issues like academic, 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. 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:

192

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

0

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)

All academic and administration issues prevailing / foreseen are discussed and suitable plans are chalked out from time to time in the HODs meetings and are implemented. To meet the exigencies, an amount of Rs.5000/- is available as imprest amount for the HODs to purchase spares and consumables, carrying out minor repair works. All the faculty and staff actively involve in the admission process. They meet the prospective students and parents and explain the facilities and salient features of the institution. Faculty and staff play their due role in organising the continuing education activities, 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	Senior faculty and HODs are members of various BOSs of the Affiliating University. Department level meetings are held to deliberate the present curriculum, contemporary trends of the domain and propose changes, if any. These changes are discussed in the different boards of studies of the affiliating university, ANU and addressed.
Teaching and Learning	To be up to date with the contemporary trends of the industry, domain, tools and technologies, and the pedagogical processes, all the faculty are encouraged to participate in different continuing education activities organised by popular institutions and pursue NPTEL courses. Immense benefit could be seen for the students with the conduct of workshops, seminars, guest lectures, and industrial tours by departments' associations. Coverage of content

beyond the curriculum by the faculty, exposure to the latest tools and technologies and regular use of ICT in class rooms is enormously contributing to the enrichment of Teaching-Learning process.

Examination and Evaluation

Quizzes, assignment tests and mid-term exams are part of the continuous assessment and evaluation. Within three days of exam, concerned faculty explains the right answers and the answering pattern to the class and the answer scripts are shown to students as a best practice. 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

The institute R D committee puts in every effort in broadening the academic perspective and research aptitude by organising interactions, on research trends, by experts and industry personnel. 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, and their citations has increased substantially.

Library, ICT and Physical Infrastructure / Instrumentation

Substantial number of ICT resources such as e-Journals, e-Books, Digital data base, CDs and Videos are added to the library. LCD Projectors are installed in all classrooms and are used by faculty to exploit ICT resources. Computers and equipment are replaced after optimum utilization. Built-up area is made available for meeting the growing needs.

Human Resource Management

Defined policies are in place for recruitment of faculty and staff. The requirement is published in the media. Due weightage is given to the merit. The recruited faculty are groomed well with the induction training and other continuing education programs. The faculty and staff are paid through bank. Time and Attendance are monitored on a daily basis. Annual Performance appraisal is done with a defined

	<p>format. 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.</p>
Industry Interaction / Collaboration	<p>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.</p>
Admission of Students	<p>AP State Government does the admissions as per merit and following all the reservation rules. Help is extended to prospective students by providing scholarships for deserving poor and merit students.</p>

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

E-governance area	Details
Planning and Development	<p>The yearly budget requirements for addition of new equipment, maintenance, other recurring expenditure and for any new lab setup are called from all the departments, Library, Sports and Exams. These requirements are reviewed, the proposals are revised if required and are consolidated. The approved requirements are processed by the departments by calling for quotations, doing both technical and commercial evaluations and negotiations. Institute prepares annual budget for the receipts and expenditure and the funds are utilised most prudently. Tally accounting software is used in preparing the yearly budget, pay roll etc. Student fee receipt system and student attendance management system are in place to facilitate office accounting system, student fee collection and sending messages of</p>

	attendance reports to the parents.
Administration	<p>The governing body advises the senior administration on all administrative and financial matters. 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 governing body. 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. are digitised.</p>
Finance and Accounts	<p>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. Both internal and external audits are done. The auditing agency verifies and certifies. 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.</p>
Student Admission and Support	<p>About 80 percent of the sanctioned intake is filled in general. 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</p>

financial and other challenges are given financial support. Online feedback system has been taken up to foster transparency. Departmental associations are active in conducting different student activities. 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 take up issues like transport, hostel, sports, cultural activities, canteen etc.

Examination

Every measure is taken to conduct examinations in a fair and transparent manner. After evaluation, answer sheets are shown to students for their verification and finalisation. 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. This prevents the scope of any malpractice. Affiliating university has a scheme of revaluation of results for students with 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
2018	P. Sowjanya	Experimental study on Coarse Aggregate replaced by Ferro Chrome Slag	NA	1000
2018	V. Durga Bhavani	Experimental study on Coarse Aggregate replaced by Ferro Chrome Slag	NA	500
2018	J. Rakesh	Experimental study on Coarse Aggregate	NA	500

		replaced by Ferro Chrome Slag		
2019	Ramgopal. L	Study on the Behaviour of RC Beams using CFRP Laminates in Flexural zone	NA	1000
2019	M. Abhinav	Study on the Behaviour of RC Beams using CFRP Laminates in Flexural zone	NA	1000
2018	Dr.P.Pandarinhadh	FDP at KITS GUNTUR	NA	2950
2018	Dr.N.Satheesh	FDP at KITS GUNTUR	NA	1475
2018	T.Joseph Sreedhar	FDP at KITS GUNTUR	NA	1475
2018	N. Vanajakshi	FDP on Integration of Renewable Energy Sources and Emerging Challenges at ANU	NA	500
2018	K. Murali Krishna Raju	NA	IEEE	5270
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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)
2018	Workshop on Energy Environment Appropriate Technology	NA	14/09/2018	15/09/2018	9	0
2018	Faculty Orientation Program	NA	21/08/2018	21/08/2018	25	0
2019	International Conference	NA	30/03/2019	31/03/2019	24	0

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP (CANTECADD) 3D Structural Analysis Design on ETABS	10	04/02/2019	09/02/2019	6
FDP (CADD CENTER) AutoCAD for Civil Engineers and Architectures	11	16/07/2018	21/07/2018	6
FDP (CANTECADD) AutoCAD for Architectures	10	17/09/2018	22/09/2018	6
FDP (Narayana Engineering college) Effective construction activities and Resource Management using MS Project	1	17/12/2018	21/12/2018	5

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
29	29	27	27

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)

A major portion of the revenue is in the form of reimbursement by the state government. Management pumps in the personal funds whenever the reimbursement is delayed. The institute conducts both internal and external audits of 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, by the external agency M/s C.M.Rao Co, chartered 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
NIL	0	NIL
View File		

6.4.3 – Total corpus fund generated

0

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	Chalapathi Educational Society

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

Well defined mentoring system is in place. Parents are appraised by the mentor about the student regularity and performance on a regular basis. Daily attendance is sent to the parents through an SMS. Monthly attendance reports are posted to parents. 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. Whenever disciplinary action is warranted, the concerned parent is involved in the process.

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

Whenever a new equipment or software is purchased, the supporting staff are trained on the use, usage and maintenance at the time of installation. Supporting staff participate in the in house training programmes and are 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)

Consolidated the application process for NBA accreditation of all five UG programs and submitted. Open electives are updated and the scope of core electives is long-drawn-out in streamlining the Choice based credit system (CBCS). Many more MOOC courses are added and the takers of these electives are on the increase and faculty are encouraged to pursue NPTEL courses. The SGPA and CGPA system is consolidated and the conversion scale is introduced. Augmenting and utilizing the ICT resources in the Teaching-Learning process is increasing on a continuing basis.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Faculty Orientation Program	21/08/2018	21/08/2018	21/08/2018	25
2019	Internal Academic Audit	08/04/2019	08/04/2019	13/04/2019	17

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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	08/03/2019	08/03/2019	425	25

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

The NSS unit and departmental associations ensure the participation of students in all the environment conscious and conservation activities such as avenue plantation, sanitation awareness program, traffic awareness program in the neighbourhood in the furtherance of students and faculty responsibilities to the society. Maintenance of clean and green campus- Improvement of greenery, Creating awareness of cleanliness habits. Water harvesting system and percolation pits are in place. Awareness boards across the campus regarding water and power savings. Harnessing the solar power to meet the power requirement by 46 percentage.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	15/09/2018	1	Engineers Day	To inculcate the habit of updating engineering technical knowledge and career planning.	1090
2019	1	1	08/03/2019	1	Womens Cell Initiative	Literacy Empowerment	425

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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	02/07/2018	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
Classes on Professional Ethics and Human Values	16/07/2018	30/03/2019	370
Helping hands to kerala flood victims donate to Kerala CM fund	27/08/2018	27/08/2018	174
Distribution of	31/08/2018	31/08/2018	27

100 Chairs to Specially Challenged Children at Leema Home, Kakani road, Guntur			
Eco-Friendly Ganesh Idols Distribution at Sitharamaiah High school, Lakshmipuram, Guntur	12/09/2018	12/09/2018	32
Distribution of Blankets to road side Poor People	19/11/2018	19/11/2018	18
CRPF Fund	22/02/2019	22/02/2019	100
Plastic awareness program at NRT Raithu Bazaar, Pattabhipuram, Guntur	13/03/2019	13/03/2019	45
Health Awareness Camp	15/10/2018	15/10/2018	65
Swachh Bharath Program	08/11/2018	08/11/2018	50
JanmaBhumi Maavooru Program (JBMV)	02/01/2019	11/01/2019	40

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

- Harnessing and utilizing the solar power in reducing the conventional energy consumption.
- Water harvesting system and percolation pits.
- Vermicompost 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: Awareness and value Education programs: Multiple activities are held to bring awareness among the students and faculty on Malware detection, financial frauds, security aspects, patent rights etc. Besides value education courses are interweaved in the curriculum.

- A seminar on “Malware Analysis and fraud detection” was conducted. Faculty and students could learn about the Malware types and their detection, different financial frauds taking place and the security measures to be taken for not to be a subject of these frauds.
- A Guest lecture on “Patenting and copy rights and issues” was arranged for faculty equipping them the means of and ways of following copy rights and procuring the patents for their research work.
- Subjects by name Professional Ethics and Human values, Environmental Science are taught as regular subjects for all the students to impart moral values, life skills and environmental consciousness.

Best Practice #2: Green initiatives: The students are inculcated 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 46 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/IOAC/Best_Practice_2018-19.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: New labs in some departments are established and modern equipment is added in the other laboratories. In the process the obsolescence is removed. All faculty are encouraged to appear for the eligibility test for admission into research. They are motivated 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. Multiple social outreach activities are carried out in the neighbourhood addressing the local needs of the society in the close by villages. Awareness programs on cleanliness, sanitation, technology exploitation in meeting their needs and social evils are conducted. Social responsibility activities like Blood donation camps, Tree plantations are regularly conducted by NSS wing and departmental clubs. 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 and to instil nationalism. 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 for their life skills and guide them in their studies and for career planning.

Provide the weblink of the institution

http://chalapathiengg.ac.in/IOAC/Performance_of_the_Institution_2018-19.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.