



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	SIDDHARTH INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Dr. K. ChandraSekhar Reddy
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08577224999
Mobile no.	9396932888
Registered Email	sietk_ptr@yahoo.com
Alternate Email	principal.f6@jntua.ac.in
Address	Siddharth Nagar, Narayanavanam Road.
City/Town	Puttur
State/UT	Andhra Pradesh
Pincode	517583

<b>2. Institutional Status</b>	
Affiliated / Constituent	<b>Affiliated</b>
Type of Institution	<b>Co-education</b>
Location	<b>Rural</b>
Financial Status	<b>private</b>
Name of the IQAC co-ordinator/Director	<b>Mr. P. Karthikeyan</b>
Phone no/Alternate Phone no.	<b>08577224999</b>
Mobile no.	<b>8428451985</b>
Registered Email	<b>sietk_ptr@yahoo.com</b>
Alternate Email	<b>iqac@sietk.org</b>

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://iqac.sietk.org/AQAR%202017-18.pdf">http://iqac.sietk.org/AQAR%202017-18.pdf</a>
<b>4. Whether Academic Calendar prepared during the year</b>	<b>Yes</b>
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.sietk.org/academiccal.php">http://www.sietk.org/academiccal.php</a>

<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
<b>1</b>	<b>A</b>	<b>3.07</b>	<b>2015</b>	<b>14-Sep-2015</b>	<b>31-Dec-2021</b>

<b>6. Date of Establishment of IQAC</b>	<b>02-Sep-2013</b>
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<b>7. Internal Quality Assurance System</b>		
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
<b>SIDDHARTH QUEST</b>	<b>02-Mar-2019</b>	<b>200</b>

	1	
SFAA	30-Dec-2018	558
	1	
<a href="#">View File</a>		

**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
Siddharth Institute of Engineering & Technology	MODROBS	AICTE	2018 2 Year	931000
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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 :**

5

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)**

- Considered the maintenance of the records of counselling to students
- Considered the inplant training programmes for students.
- Motivated the students to participate in seminars, workshops, various cultural activities, games sports.
- Motivating the faculty members to publish the research paper through UGC approval journal
- Considered the fetching of Research Grants from various funding agencies

No Files Uploaded !!!

**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	Achievements/Outcomes
ReAccreditation of NBA	Achieved
Timely completions of Semester Exam	Achieved
Timely declaration of results	Achieved
No Files Uploaded !!!	
<b>14. Whether AQAR was placed before statutory body ?</b>	No
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
Date of Visit	09-Mar-2019
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2019
Date of Submission	08-Feb-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The management uses the Siddharth Automation software to send the information of student's absence, marks obtained etc. to their parents through Short Message Service (SMS). Similarly, staff details, Staff Attendance etc. also maintained.

## 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

- At the beginning of each academic session, college prepares its proposed academic calendar, which is uploaded in the college website. The proposed academic calendar is prepared according to the notices and circulars received from the affiliating university. Students are informed about the academic calendar of the college notifying the probable teaching days, dates of internal examinations, curricular, extension related and co-curricular activities
- Orientation programme is organized every year for newly admitted students to make them aware of the mechanism for curriculum delivery and implementation
- The interests, strengths and expertise of the faculty are taken into account while choosing / assigning the subjects by / to the faculty, well before the

commencement of a semester. • Upon allotment of the subjects, the faculty prepare the Implementation Plan / Lesson Plan, Course Material and Tutorial Questions. • The suitability of the Implementation Plan and the Course Material against the syllabus is verified by the senior faculty and/or HOD before the commencement of the semester. • Depending on the number of tutorial / practical hours required for each course, each department prepares the time table for effective implementation of the curriculum. • Apart from the traditional black-board based teaching, the faculty are encouraged to adapt modern methods such as Group Discussions, Presentations, Assignments, Intra-department Seminars, etc. • Tutorial classes are held in some departments within class routine hours for which separate attendance registers are maintained.

#### 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
<b>No Data Entered/Not Applicable !!!</b>					

### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
No file uploaded.		

#### 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	Civil Engineering	01/07/2018
BTech	Mechanical Engineering	01/07/2018
BTech	Electrical & Electronics Engineering	01/07/2018
BTech	Electronics & Communication Engineering	01/07/2018
BTech	Computer Science & Engineering	01/07/2018
BTech	Computer Science & Information Technology	01/07/2018
BTech	Agricultural Engineering	01/07/2018
Mtech	Structural Engineering	01/07/2018
Mtech	Control System	01/07/2018
Mtech	Power Electronics	01/07/2018
Mtech	Thermal Engineering	01/07/2018
Mtech	CAD/CAM	01/07/2018
Mtech	DECS	01/07/2018
Mtech	ES	01/07/2018
Mtech	VLSI	01/07/2018

Mtech	CSE	01/07/2018
MBA	MBA	01/07/2018
MCA	MCA	01/07/2018

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

	Certificate	Diploma Course
Number of Students	16	Nil

## 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
CRT(Campus Recruitment Training)	27/07/2019	150
AutoCAD	29/07/2019	80
Revit ARCHITECTURE	19/08/2019	88
CFD Training	23/12/2019	2
Soft Skills Training	05/07/2019	49
PLC and SCADA	19/08/2019	92
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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	CIVIL	22
BTech	CSE	4
BTech	ECE	28
BTech	EEE	87
BTech	MECHANICAL	40
<a href="#">View File</a>		

## 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><b>Feedback Collection Process:</b> ? The feedback is collected by the Internal Quality Assurance Cell (IQAC). ? The institution has established a system of collecting feedback from the students in all courses twice in a semester. Generally, after 10 days of the beginning and at the end of every semester. ? The feedback has been collected through the online system by a defined in built</p>

feedback software where students can respond towards the structured questionnaire regarding the key elements i.e. communication, number of examples quoted, behaviour in class, teaching methodology and so on. ? The students are encouraged to give feedback on facilities such as College Infrastructure, Departments' resources, Laboratories, Library, Computing and Internet, Sports, Placement Training, Hostels, Transport, Canteen, safety, medical and so on. ? Maximum number of students is participated in giving feedback (98 to 100 ). Feedback Analysis: ? Once feedback is collected it will be under the process of the faculty performance through some standard statistical tool applications. ? The collected feedback is analysed by the IQAC and a detailed report is submitted to the principal. Rewards/Corrective Measures: ? The faculty is called to have a discussion about feedback with the HOD and Principal for the betterment in their performance. ? The best performed faculty members are encouraged with appreciation. ? Members of the faculty, whose performance is poor, are advised based on their weak areas by HOD and Principal. ? The faculty members are encouraged to participate in various Workshops/Seminars/ Conferences/ Training Programs/FDPs to enhance their skills. ? The institution organizes faculty development programmes regularly for improving their knowledge and teaching skills. ? After analysing the feedback, the first priority is given to improve the facility which has got poor feedback. ? All the reliable suggestions are considered for implementation.

## 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
MCA	MCA	60	21	21
MBA	MBA	180	111	111
Mtech	CSE, VLSI, EMD .SYS, DECS, CAD/C AM, THERMAL ENGG, CONTROL SYSTEM, POWER E LECTRONICS, STRU CTURAL ENGINEERING	162	20	20
BTech	CIVIL, EEE, MECH, ECE, CSE, C S&IT, AGRI	1080	669	669

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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	669	147	216	49	265

### 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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

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

Yes - The principal objective of introducing the 'Student Mentoring System' is to guide the academic, career advancement, co-curricular and extra-curricular performances of the student and accordingly mould the students to utilize all the resources available in the institution for holistic development of the students. The system encompasses continuous monitoring the students' performance, identifying the strengths, shortcomings, behaviour and attitude, and offering amiable support and specific suggestions to develop the students in all aspects. The system also aims at implanting good habits, behaviour and human values among the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3313	265	1:20

## 2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
40	40	Null	40	9

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
2019	<b>Dr.G.Prabhakaran</b>	<b>Professor</b>	<b>FSIESRP (LM171899128) from Society of Innovative Educationalist Scientific Research Professional</b>
<b>No file uploaded.</b>			

## 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
<b>BTech</b>	<b>CE, ECE, EEE, Mech, CSE, AG, CSIT</b>	<b>MAY-2019</b>	<b>29/05/2019</b>	<b>11/07/2019</b>



Mtech	CSE, VLSI, ES, DECS, CAD/CAM, TE, CS, PE, SE	MAY-2019	26/06/2019	11/07/2019
MBA	MBA	MAY-2019	31/05/2019	11/07/2019
MCA	MCA	MAY-2019	30/05/2019	11/07/2019

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

The institute has taken efforts to improve the performance of students by framing significant reforms in Continuous Internal evaluation at the institute level .The reforms are as follows: • Unit tests are conducted prior to sessional examinations. • Remedial measures are taken by conducting tutorial classes to clarify doubts and re-explaining the critical topics. • Students are encouraged to solve previous years University Exam question papers. • The institute regularly conducts, group discussions, seminars and guest lecture. • Poor performance due to frequent absenteeism is dealt by sending registered letters to the parents of such students.1 • Monitoring the improvement in learning of slow learner and encouraging the advanced learners by reviewing their performance in exams. Impact: These reforms have resulted in substantial improvement in student’s performance through comprehension of difficult topics, improved time management, enhanced writing skills and individualized attention resulting in refining their cognitive, psychomotor and affective domains of learning. This has significantly enhanced the pass percentage and academic excellence of students.

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

Every year we prepare the academic calendar for the institute and also a department wise activity schedule for smooth functioning. This ensures that the curriculum is enriched through related activities like gust lecture, extension series and industry interaction. For the academic session academic calendar was prepared and followed for conduct of examination and other activities. The academic calendar is displayed on the institute website and also shares with the head of the departments so as to ensure proper execution We follow the academic schedule provided by the university. The Institute prepares their own academic calendar for various programmes which follow the timelines/guidelines and academic schedule of the affiliating University. Generally, the JNTUA University gives guidelines on the following in their academic schedule. • Beginning of the academic sessions. • Last working day of the semester. • Mid-term examination schedule. • End term theory and Practical examination schedule. • Vacation schedule. The same academic calendar is published on institute’s website before the beginning of every academic year.

### 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.sietk.org/ce.php>

#### 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
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1	BTech	CIVIL	84	52	62
2	BTech	EEE	74	39	52.70
3	BTech	MECHANICAL	134	102	76.11
4	BTech	ECE	196	112	48
5	BTech	CSE	131	92	70
8	Mtech	STRUCTURAL ENGINEERING	9	9	100
9	Mtech	POWER ELECTRONICS	2	2	100
10	Mtech	CONTROL SYSTEMS	2	2	100
11	Mtech	VLSI	2	2	100
12	Mtech	Embedded Systems	2	2	100

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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://iqac.sietk.org/sss.html>

## 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
Any Other (Specify)	365	SIETK	250000	250000
Any Other (Specify)	730	AICTE(MODROB)	931000	744800

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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
Advance learning and innovation	CSE	14/07/2018
MSME	CSE	01/08/2018
IUCEE	CSE	26/07/2018
AWS	CSE	06/08/2018
AI and Deep Learning	CSE	23/02/2019
Python Programming	ECE	14/02/2019
Analog Circuit Design Using Proteus	ECE	01/02/2019
Embedded Systems	ECE	04/10/2018

PCB Design Fabrication Techniques	ECE	11/10/2018
CCNA	ECE	01/09/2018
PCB Design	ECE	27/09/2018
IOT	ECE	28/09/2018
Expert Lecture On "Design Of IC Engine Components"	Mechanical	13/11/2018
Seminar On "CNC Machines"	Mechanical	19/12/2018
Expert Lecture On "Non-Destructive Testing"	Mechanical	07/02/2019

### 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
Academics	Prathibha Award	Govt. of AP	19/09/2018	Academics
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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 !!!					
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## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
		6

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

Name of the Department	Number of PhD's Awarded
Mechanical Engineering	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CIVIL	12	1.8
International	CSIT	2	2.4
International	CSE	2	0.5
International	ECE	1	0.5
International	EEE	6	1.2
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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
EEE	1
CSE	16

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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
Assessment of Physico Chemical Parameters of Groundwater Quality Index of Palar Sub Basin using Remote Sensing and GIS	Dr. K. C handrasekhar Reddy	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	0	Siddharth Institute of Engineering Technology, Puttur	Nil
Seismic Analysis of High-Rise Buildings (G30) by Using ETABS	Dr. K. C handrasekhar Reddy	International Journal of Technical Innovation in Modern Engineering Science (IJTIMES)	2019	0	Siddharth Institute of Engineering Technology, Puttur	Nil
"Experimental study on strength improvement of black cotton soil used for construction of subsurface dam"	Dr. K. C handrasekhar Reddy	International Journal of Management , Technology and Engineering (IJMTE)	2019	0	Siddharth Institute of Engineering Technology, Puttur	Nil
"Determine the Durability Properties of Concrete by Using Different Size of Aggregates"	Dr. K. C handrasekhar Reddy	International Journal of Technical Innovation in Modern Engineering Science (IJTIMES)	2019	0	Siddharth Institute of Engineering Technology, Puttur	Nil

"Study on Properties of Concrete by Replacing Natural Sand with M-Sand Quarry Dust at Different Sizes of Coarse Aggregate"	Dr. K. C handrasekhar Reddy	International Journal of Research and Analytical Reviews (IJRAR)	2019	0	Siddharth Institute of Engineering Technology, Puttur	Nil
Agri-IoT: A sustainable environment for improvement of crops revenue in the field of Agriculture using IoT	Dr.S.Hrushikesava Raju	IJET	2018	0	Siddharth Institute of Engineering Technology, Puttur	Nil
IoT based Home Automation System with Cloud Organizing	Dr.S.Hrushikesava Raju	IJET	2018	0	Siddharth Institute of Engineering Technology, Puttur	Nil
Agri-IoT: A sustainable environment for improvement of crops revenue in the field of Agriculture using IoT	Dr.P.Kavitha Rani	IJET	2018	0	Siddharth Institute of Engineering Technology, Puttur	Nil
A Shared Protocol for Key Management in Encryption based on Encrypted Text	Dr.J.Suneetha	IRJET	2018	0	Siddharth Institute of Engineering Technology, Puttur	Nil

Policy Properties to Share Data in the Cloud						
Investigation of turbo decoding techniques based on lottery arbiter in 3D network on chip	Dr. P. G. Kuppusamy	Microprocessors and Microsystems	2019	0	Siddharth Institute of Engineering Technology, Puttur	Nil

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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
Electric Power Trading Framework for smart Residential Community in Smart Cities under Smart Grid Paradigm	S L Arun	IET Smart Cities	2019	Nil	Nil	Siddharth Institute of Engineering Technology, Puttur
Framework of Locality Electricity Trading System for profitable peer to peer Power Transaction in Locality Electricity Market	S L Arun	IET Smart Grid	2019	Nil	Nil	Siddharth Institute of Engineering Technology, Puttur
Implementation Of Three And Two Switch Inter-Leaved Forward	R. Lakshmi	IJITEE(S COPUS)	2019	Nil	Nil	Siddharth Institute of Engineering Technology, Puttur

Converter						
Fuzzy Logic Control Of Two Switch And Three Switch Serial Input Inter-Leaved Forward Converter	R. Lakshmi	IJEECS(S COPUS)	2019	Nil	Nil	Siddharth Institute of Engineering Technology, Puttur
Analysis And Implementation Of Three And Two Switch Inter-Leaved Forward Converter	R. Lakshmi	IARDCS(S COPUS Indexed Journal)	2019	Nil	Nil	Siddharth Institute of Engineering Technology, Puttur
Optimal Placement Of Capacity Of Upfc Using Jmfalo Technique To Up Grade Power System Dynamic Stability	T.Madhur anthakam	IJEAT(International Journal of Engineering And Technology)	2019	Nil	Nil	Siddharth Institute of Engineering Technology, Puttur
Smart Pill Bottle	Dr.P.Ratna Kamala	Journal of Emerging Technologies and Innovative Research	2019	1	Nil	Siddharth Institute of Engineering Technology, Puttur
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	6	12	3	Nil
Presented papers	1	10	Nil	Nil
Resource persons	Nil	4	Nil	Nil
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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
Awareness Program on Road safety.	NSS/SIETK	6	100
Republic Day Celebrations	NSS/SIETK	6	200
National Voter's Day	NSS/SIETK	6	50
Engineer's day	NSS/SIETK	6	240
Kerala Flood Donation	NSS/SIETK	6	2000
Independence Celebration	NSS/SIETK	6	100
Prevention Of Ragging	NSS/SIETK	6	1006
Youth Skill Day (TV5 YuvaPrastanam)	NSS/SIETK	6	2000
District Level Gnanabheri Program.	NSS/SIETK	6	100
Blood Donation Camp	NSS/SIETK	6	100
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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
0	0	0	Nil
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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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Awareness	NSS/SIETK	Awareness Program on Road safety.	6	100
Awareness	NSS/SIETK	National Voter's Day	6	50
General issue	NSS/SIETK	Kerala Flood Donation	6	2000
Awareness	NSS/SIETK	Prevention Of Ragging	6	1006



Awareness	NSS/SIETK	Youth Skill Day (TV5 YuvaPrastanam)	6	2000
Awareness	NSS/SIETK	District Level Gnanabheri Program.	6	100
camp	NSS/SIETK	Blood Donation Camp	6	100
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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
0	0	0	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
PROJECT WORK	INTERNSHIPS	VIZG STEEL PLANT	25/02/2019	09/03/2019	2
TRAINING	INTERNSHIP	CARRIAGE REPAIR SHOP	05/12/2018	01/01/2019	6
TRAINING	INTERNSHIP	SIBAR AUTOPARTS	01/06/2018	30/06/2018	7
TRAINING	INTERNSHIP	SOUTH CENTRAL RAILWAY	25/06/2018	30/06/2018	6
PROJECT	INTERNSHIP	KESAHAVA MEDI DEVICES PVT LTD	06/06/2018	07/07/2018	6
PROJECT	INTERNSHIP	APGENCO	19/12/2018	04/01/2019	1
IAP	To develop formatting any pen drive using UNIX TERMINAL with extfs2 File System	Techsapiunt Solutions Pvt. Ltd., Bangalore	18/10/2018	28/11/2019	4

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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
YDI Solutions Pvt Ltd	20/02/2019	Latest trends in Technology	10
No file uploaded.			

## 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
1200	114202474

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
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Newly Added
Laboratories	Existing
Class rooms	Newly Added
Campus Area	Existing
<a href="#">View File</a>	

### 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 partially)	Version	Year of automation
Dolphin Software Solution, Coimbatore	Fully	1.1	2020

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	33966	8545471	1924	769600	35890	9315071
Reference Books	6314	1715949	320	128000	6634	1843949
Journals	140	255000	140	27000	280	282000
<a href="#">View File</a>						

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	Date of launching e-
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		is developed	content
Ms. P. Supriya	Need of Python	SmartBook Platform Access-McGraw Hill Co.	23/03/2018
Dr.P.Ratna Kamala, PhD and Mr.M.Afsar Ali	Basic Electronic Devices and Electronic Circuit Analysis	SmartBook Platform Access-McGraw Hill Co.	23/03/2018
No file uploaded.			

#### 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	1190	15	1000	2	1	25	23	120	0
Added	45	0	150	1	2	4	0	55	0
<b>Total</b>	<b>1235</b>	<b>15</b>	<b>1150</b>	<b>3</b>	<b>3</b>	<b>29</b>	<b>23</b>	<b>175</b>	<b>0</b>

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

175 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
Lectures uploaded in you tube	<a href="https://www.youtube.com/watch?v=CiDCLS1Na-M">https://www.youtube.com/watch?v=CiDCLS1Na-M</a>
Lectures uploaded in you tube	<a href="https://www.youtube.com/watch?v=9BJcDunBc0">https://www.youtube.com/watch?v=9BJcDunBc0</a>
Lectures uploaded in you tube	<a href="https://www.youtube.com/watch?v=vye80K5Toe8">https://www.youtube.com/watch?v=vye80K5Toe8</a>

#### 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
1500	149691325	60	5686741

##### 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)

Information available in institutional website
<a href="http://www.sietk.org">www.sietk.org</a>

**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	0	0	0
Financial Support from Other Sources			
a) National	0	Nil	0
b) International	0	Nil	0
No file uploaded.			

## 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
Soft skill Development	24/08/2018	158	Freelance Trainer
TECHNICAL SOFTSKILLS	28/08/2018	109	APSSDC
Personal Counselling and Mentoring	16/07/2018	2354	Tutor and HOD
No file uploaded.			

## 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	Aptitude Training programme , Soft Skill Training Programme, Technical Training Programme	543	2653	5	200
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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
4	4	7

**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
DND Global technology Solutions	85	15	HONDA	56	12
<a href="#">View File</a>					

### 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
2018	3	CSE	CSE	Universities in USA	MS
No file uploaded.					

### 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	5
GRE	10
TOFEL	10
Any Other	5
No file uploaded.	

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

Activity	Level	Number of Participants
Sports ( Cricket, Volly ball, Shuttle, Running Race, Kabaddi, Throw ball, etc..) 5	Inter college competitions	350
No file uploaded.		

## 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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	NIL	National	Nil	Nil	0	0
No file uploaded.						

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

The institution creates a platform for the involvement of the students in various academic, administrative and other activities. This empowers students

to gain qualities of leadership and governance. As a group completely devoted to the mission of educating both the heart and mind of all students, the institution promotes inclusive practices for social justice and better stakeholder relationships. The institution also promotes value-based education for inculcating social responsibility and good citizenry amongst the student community. The activities, that we coordinate, support our goals of enriching a quality environment. The college is very cautious regarding this menace and has setup an Anti-Ragging Committee comprising of Head of the Institution, and Grievance Redressal Cell to overview and ensures that there is zero ragging in the campus and the college has the system in place to resolve grievances, if any. Also a system of class representatives (a boy and a girl) has a good impact for handling issues related to student's needs in academic committees. Department Association: Each department has a Student's Association for which Secretary, Joint Secretary and office bearers are elected from fourth year, third year and second year respectively. It organizes programs regularly to enhance the skills of the students. Students are the office bearers of department associations. Under these, academic activities like symposiums, workshops/seminars, paper presentation, quiz, and project expo are conducted. IQAC The IQAC of the College Conducts Comprehensive Academic Audit besides collecting feedback on a host of activities from various stakeholders. Students at the risk of failure or end up as dropouts are monitored by the IQAC through the Mentor System. Mentors keep a record of the students' family background, past performance, results of unit tests and Model exam and resolve the issue.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes, SFAA is a registered alumni association of Siddharth Institute of Engineering Technology, Puttur, Andhra Pradesh. At present we have 2205 Alumni Enrolled in SFAA from Engineering, MBA and MCA courses. The alumni were constituted with 9 executive members under the stewardship of the Alumni Dean Ms. R. Priyadarshini. The alumni meet for the academic 2018-19 held on 30th December 2018 at 10 A.M. in the college premises.

5.4.2 – No. of enrolled Alumni:

2205

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

30th December 2018

### CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 – Institutional Vision and Leadership

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

The institution has a mechanism of providing operational autonomy to various functionaries in order to ensure a decentralized governance system. 1. Principal: Principal is the member secretary of the governing body and chairperson of the IQAC. The Principal in consultation with the Teachers' Council nominates different committees for planning and implementation of different academic, student administration and related policies 2. Faculty: Faculty members are given representation in various committees/cells nominated by the Governing body, IQAC and other committees. Every year, the composition

of different committees is changed to ensure a uniform exposure of duties for academic and professional development of faculty members. 3. Student: Students are empowered to play important role in different activities. Functioning of different secretaries of students union further reinforces decentralization. • cultural secretary • student welfare and social service secretary Management: The institution promotes the culture of participative management at the strategic level, functional level and operational level. 1. Strategic level: The Principal, governing body and the IQAC are involved in defining policies procedures, framing guidelines and rules regulations pertaining to admission, examination, discipline, grievance, support services, finance etc. 2. Functional level: Faculty members share knowledge among themselves, students and staff members while working for a committee. 3. Operational level: The Principal interacts with government and external agencies faculty members maintain interactions with the concerned departments of affiliating university. Students and office staff join hands with the Principal and faculty for the execution of different academic, administrative, extension related, co-and extracurricular activities.

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

Yes

## 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	Admission of students for the programmes offered is by the Government under two modes 1. Government Quota 2. Management Quota Government Quota: • For B.Tech. To join student based on EAMCET. For M.Tech.to join student based on PG CET. For MBA / MCA to join student based on ICET. Management Quota: • For B.Tech. - 30 • For M.Tech./MBA/MCA. - 30
Industry Interaction / Collaboration	College support to Departments maintains continuous interaction with industries through MoU's. Through this the departments can get acquainted with industries for students' project, Guest lectures, visiting lectures, Industrial visit, internship, recruitment and other activities.
Human Resource Management	• A well laid down Organization Chart is drawn up. The duties and responsibilities for all cadres are clearly defined. Due delegation with responsibility and accountability is also well drawn up. This hierarchical transparency facilitates the administrative process. • Teachers are given additional charges for various extra-curricular and co-curricular activities. • The College has an administrative office with a team of staff. The functioning of the office is very transparent and students are well

informed about the functioning and services of the administrative office.

Library, ICT and Physical Infrastructure / Instrumentation

The college has state-of-art physical infrastructure, library, ICT facility, laboratories facility. Land - 28.63 Acres Hostel - 04 Canteen - 01 Other facility - UBI ATM, Stores. Sports Games - Outdoor Indoor facility with stadium Library - 8545471 Text Books, 1715949 Reference Books, 2668 E-Books, 140 Journals, NPTEL Videos, DELNET INFLIBNET facility ICT facility - 1238 Computers - 100 networked - 175 Mbps internet connectivity - System and Application soft wares, Virtual class rooms fitted with LCD

Research and Development

- Published a compilation of research articles and conference proceedings of the teachers belonging to various disciplines.
- Classes are engaged with the help of smart class room, multi-media classroom and audio visual theatre.
- Automation software implemented to augment academic audit.
- Teachers are encouraged to write in national and international journals and books.
- Teachers are encouraged to pursue research degrees.

Examination and Evaluation

Distribution and Weightage of Marks:  
? The performance of a student in each semester shall be evaluated through internal evaluation and /or an external evaluation conducted semester wise. ? Performance evaluation in each course (theory/ practical) shall be based on a total of 100 marks, of which the relative weightage for internal evaluation and end semester examination shall be 40 and 60 respectively. ? Internal Evaluation: The total internal weightage for theory courses is 40 marks with the following distribution.  
a) 25 marks for Mid-term tests. b) 15 marks for Blended Tasks [Assignments (10) Unit Tests (5)]. For all theory courses there shall be two mid-term tests in each semester. The duration of mid-term test shall be 1hr 50 minutes.  
In that, 90 minutes will be for descriptive test and 20 minutes for objective test. The descriptive test consists of 3 questions with individual choice ('either', 'or' type) for 10 marks each. The total marks (30) shall be scaled down to 15 marks. The objective test consists of 20 objective questions for 10 marks in 20 minutes



duration. Together, the maximum marks for each mid-term test shall be 25. First midterm test shall be conducted for 50 of the syllabus and second mid-term for the remaining syllabus. Among the two midterm examinations 80 weightage will be given for the better performance and 20 for the other. The final mid-term marks will be the addition of these two. ? Student performance in blended tasks shall be evaluated for 15 marks as below: 10 marks allotted to assignments in each theory course shall be based on evaluation of 2 assignments (5 marks each) relevant to that particular course. 5 marks allotted to unit tests in each theory course shall be based on evaluation of 5 unit tests (1 mark each), on each unit relevant to that particular course. ? Practical Courses: The total internal weightage for Practical courses is 40 marks with the following distribution. a) 40 marks for Day to Day Evaluation. ? The end semester examination shall be conducted for 60 marks by the laboratory faculty concerned and one senior faculty of the same department nominated by the Principal. In a practical course consisting of two parts (ex: Engineering and IT workshop Lab), the internal examination shall be evaluated for 40 marks in each part and final internal marks shall be arrived by considering the average of marks obtained in the two parts. End semester examination shall be conducted for 60 marks in each part and final marks shall be arrived by considering the average of marks obtained in the two parts. ? For the subjects having design and /or drawing, such as Engineering drawing, Machine drawing, Estimation, Design and Drawing of Irrigation Structures, etc., the distribution will be 40 marks for internal evaluation and 60 marks for the end semester examination. • Within internal evaluation, 15 marks will be for day to day work in the class that shall be evaluated by the concerned subject teacher based on the reports / drawing sheets submitted in the class. • The remaining 25 marks will be based on the student's performance in two mid-term tests of 2 hours duration each. Among the two mid-term examinations 80

weightage will be given for the better performance and 20 for the other. The final mid-term marks will be the addition of these two. • The duration of external examination for Machine Drawing will be 4 hrs. ? The laboratory records shall be preserved in the respective department as per the institution norms and should be produced to the committee as and when the same is asked for. ? The student has to complete audit courses with a minimum of 40 of marks in internal examination to award the degree and there will be no external examination.

The student has to complete Comprehensive Online Examinations with a minimum of 40 of marks. ? End Semester Examination: End semester examination of theory courses shall have the following pattern: • There shall be 5 questions (1 question from each unit) with individual choice ('either', 'or' type) for 12 marks each. • The duration of theory/practical end semester examination shall be 3 hours. • End semester examination for theory courses consisting of two parts of different courses, for ex: Electrical Mechanical Technology shall have the following pattern: a. Question paper shall be in two parts viz., Part A and Part B with equal weightage. b. In each part there shall be 3 questions with individual choice ('either', 'or' type) for 10 marks each (totalling to 60 marks for two parts). Seminar: There shall be a seminar presentation in IV B.Tech II Semester. Each student should collect information on a specialized topic and deliver a Seminar on the same. The student should also prepare a technical report, showing his/her understanding of the topic, and submit to the department before the seminar. The report and the presentation shall be evaluated for 100 marks by a departmental committee consisting of Head of the Department, seminar supervisor and a senior faculty member. The seminar shall be conducted any time during the semester as per the convenience of the department committee and students. There shall be no external examination for seminar. Project: Out of the total 200 marks for the project work, 80 marks shall be for

internal evaluation and 120 marks for the external evaluation (Viva-voce). The evaluation method of the project is as follows. Internal Evaluation: (i) Review-I (20 Marks) Supervisor: 10 Marks IDC Committee: 10 Marks (ii) Review- II (20 Marks) Supervisor: 10 Marks IDC Committee: 10 Marks (iii) Project Report Evaluation (40 Marks) Supervisor: 20 Marks IDC Committee: 20 Marks Internal Departmental Committee (IDC) consist Head of the department (HOD), Project Coordinator and senior faculty of the department nominated by the HOD. The project works are to be reviewed and evaluated by IDC along with supervisor as mentioned above. External Evaluation: Thesis Evaluation : 50 Marks Presentation : 35 Marks Viva-Voce : 35 Marks The external project viva-voce will be conducted by the committee consisting of HOD, Project Supervisor and External examiner nominated by the principal. The project evaluation is to be done at the end of IV year II semester. Note: In case a student fails in seminar and project viva voce he /she shall reappear as and when supplementary examinations are conducted. Supplementary Examinations: At the end of each Semester there will be regular examinations for the current Semester. Those students who could not clear their courses in their previous attempt can appear for the examinations under supplementary category along with the regular students after registering themselves at the examination branch. Supplementary examinations for the all the other Semesters other than the current one will also be conducted at the same time. However, Advanced Supplementary examinations will be conducted for IV-II semester examinations. Grading: After each subject is evaluated for 100 marks, the marks obtained in each subject will be converted to a corresponding letter grade as given below: Table - Conversion into Grades and Grade Points assigned i. A student obtaining Grade F shall be considered failed and will be required to reappear for that subject when the next supplementary examination offered. ii. For audit courses "Satisfactory" or "Unsatisfactory" shall be indicated instead of the letter grade and this will not be

	counted for the computation of SGPA/CGPA. Award of Class: After a student has satisfied the requirement prescribed for the completion of the program and is eligible for the award of B.Tech. Degree he/she shall be placed in one of the following four classes:
Teaching and Learning	<ul style="list-style-type: none"> <li>• ICT enabled teaching.</li> <li>• Demo based teaching.</li> <li>• Coaching classes conducted to hone the communicative skills of the students.</li> </ul>
Curriculum Development	The duly constituted Boards of Studies and Academic Council critically review the Curriculum and periodically update the same to cope up for the current technology and industry expectation. All stake holder views are taken into account for review and reformation.

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

E-governance area	Details
Administration	Dolphin Software Solution, Coimbatore
Finance and Accounts	Tally ERP 9
Student Admission and Support	Dolphin Software Solution, Coimbatore
Examination	Dbase Solutions Pvt Ltd, Eluru, Andhra Pradesh.

### 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	0	0	0	Nil
No file uploaded.				

#### 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	-	Electronics Appliances Service	06/05/2019	12/06/2019	Nil	15
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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
Problem solving programme in python	5	27/05/2019	28/05/2019	2
FDP	2	29/04/2019	09/05/2019	10
AI Deep Learning	10	23/02/2019	24/02/2019	2
Pedagogical Skills for faculty in outcome based education	3	04/02/2019	06/02/2019	2
No file uploaded.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
40	40	24	24

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
EPF, Group Insurance, Medical care	EPF, Group Insurance, Medical care	1. Merit Scholarship by the Management Government schemes. 2. Sports scholarship by Management, Medical care.

**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 has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year. Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Likewise an external audit is also carried out on an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits.

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
SIETK, PUTTUR	500000	college management software

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6.4.3 – Total corpus fund generated

29441428

## 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	University Nominees	Yes	HOD
Administrative	Yes	P. Murali Co., Hyderabad	Yes	Internal Auditors

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

- Principal arranging meeting with parents to discuss about academic attendance of students end of the semester.
- Every year conducting the parent's day celebration.
- Interactions between the parents and the teachers regarding the support progression of their respective wards in academic.

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

Faculty Development Program (Lectures/Workshops/Training Program) is conducted regularly individual departments to address their technical needs. The training includes Student centric classrooms , New equipment practices, meditation, etc.

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

- Teaching and Non-Teaching posts should be filled on regular basis
- ICT should be increased in teaching learning process
- Revision in syllabi to be carried regularly based on the market requirements.

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	Guest Lecture on Role of Women Empowerment	08/03/2019	08/03/2019	08/03/2019	156

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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	Period from	Period To	Number of Participants
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programme			Female	Male
WOMEN IN INNOVATION	20/04/2019	20/04/2019	120	20
WOMEN MEET SUMMIT	31/12/2018	31/12/2018	250	150
TECHNOLOGY CAREERS FOR WOMEN	15/11/2018	15/11/2018	80	40
WOMEN IN AVIATION CONFERENCE	15/07/2018	15/07/2018	65	40

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
<ul style="list-style-type: none"> <li>• "Save energy" initiative is taken by the students' union to make students aware by making them switch off lights and fans before leaving the classroom.</li> <li>• Environmental awareness campaigns by organizing seminars under NSS Unit and by organizing student exhibitions annually</li> <li>• Tree Plantation</li> </ul>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	25
Provision for lift	Yes	2354
Ramp/Rails	Yes	5
Rest Rooms	Yes	2354

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	01/07/2018	1	District Level Gnanabheri Program.	knowledge event	100
2018	1	1	15/07/2018	1	Youth Skill Day (TV5 Yuva Prastanam)	Youth skill development	2000
2018	1	1	10/08/2018	1	Prevention Of Ragging	Prevention Of Ragging in college student	1006

2019	1	1	07/02/2019	1	Awareness Programme on Road safety.	awareness programme	100
2019	1	1	11/02/2019	1	LLR Mela	Awareness of driving license	100
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
HANDBOOK ON HUMAN VALUES AND PROFESSIONAL ETHICS	02/08/2018	To provide information of HANDBOOK ON HUMAN VALUES AND PROFESSIONAL ETHICS

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Women day celebrations	08/03/2018	08/03/2018	200
Traditional day	04/01/2018	04/01/2018	500
No file uploaded.			

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

<ul style="list-style-type: none"> <li>• Water conservation and prevention of water wastage</li> <li>• CO2 neutrality is maintained on the campus by developing Greenery</li> <li>• Tree plantation programmes are organized by NSS</li> <li>• Established solar panel at roof top with a capacity of 500 KVA.</li> <li>• Tobacco smoking, chewing of pan-masalas and gutka is prohibited in the college campus. Health hazards caused by tobacco smoking are repeatedly highlighted especially by the NSS unit through different events and awareness programmes</li> <li>• "Support Your Campus" committee has been formed for the identification and preservation of the natural resources present in the college campus</li> </ul>
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### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

1. Student Self-Learning 2. Entrepreneurship Cell
Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
<a href="http://www.sietk.org/edcell.php">http://www.sietk.org/edcell.php</a>

### 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

<p>Student Self-Learning: • EBSCO Information Services India Private Limited subscription taken towards E-Books engineering core collection. Students are accessing this facility to enrich their knowledge. • Siemens Lab knowledgeable workshop for the students in order to update their technical/practical knowledge. • CM's Skill Excellence centre a Part of APSSDC sanctioned to</p>
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develop the software skill for students in IOT, Android Applications, PWA, SCILAB, PLC, CAD/CAM etc., • DASSULT 3D Experience Centre for the students to learn new Methods and Technic in CAD/CAM. • Industry Academia Partnership (IAP) is a program for the students to collaborate with Industry to solve problems which they are facing in their organization. In this program student can able learn current issues and challenges in Industry. • Innovation Cell is introduced to develop the student innovative ideas and to convert that ideas into a business with help of expert committee. Entrepreneurship Cell: • In order to motivate capacity building of the students to become an innovative entrepreneur, Andhra Pradesh state startup incubation Centre has been launched in the institution. • Opening of Incubation Centre by Micro Small Medium Enterprises (MSME) is also in the process of advanced consideration of the ministry. • Institute has extended its wing to work with Technology Business Incubator (TBI), Department of Science and Technology, to support the aspiration of the students to become successful entrepreneur. DST (Department of Science Technology), Govt. of India sanctioned "Technology Business Incubator" • In order to empower students to promote innovation through the wild ideas, a practice of novelty search has been introduced through conducting training provided by Technology Information Forecasting and Assessment Counselling (TIFAC) of Department of Science and Technology. • NIDHI-SEED Supporting programmer (Under Innovation and Entrepreneurship Division) sanctioned.

Provide the weblink of the institution

<http://iqac.sietk.org/Institutional%20distinctiveness.pdf>

#### 8.Future Plans of Actions for Next Academic Year

1. To encourage teachers to undertake minor and major research projects and to participate in seminars, workshops and conferences. 2. To enhance the number of smart class rooms in the academic departments. 3. To support meritorious and academically weak students. 4. To enhance collaborative research among the departments and to take initiative for inter-institutional collaboration. 5. To conduct programmes on Entrepreneurship Skill for Students to craft more NIDHI PRAYAS 6. To Arrange Special Programme for Teaching Non-Teaching Staff members

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