



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	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.	08577264999
Mobile no.	9396932888
Registered Email	principal.f6@jntua.ac.in
Alternate Email	sietk_ptr@yahoo.com
Address	Siddharth Nagar, Narayanavanam Road, PUTTUR -517 583.
City/Town	PUTTUR
State/UT	Andhra Pradesh
Pincode	517583

2. Institutional Status					
Autonomous Status (Provide date of Conformant of Autonomous Status)			15-Jun-2016		
Type of Institution			Co-education		
Location			Rural		
Financial Status			private		
Name of the IQAC co-ordinator/Director			Mr. P. KARTHIKEYAN		
Phone no/Alternate Phone no.			08577264999		
Mobile no.			8428451985		
Registered Email			sietk_ptr@yahoo.com		
Alternate Email			iqac@sietk.org		
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)			http://iqac.sietk.org/AQAR%202018-19.pdf		
4. Whether Academic Calendar prepared during the year			Yes		
if yes,whether it is uploaded in the institutional website: Weblink :			http://www.sietk.org/academiccal.php		
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.07	2015	14-Sep-2015	31-Dec-2021
6. Date of Establishment of IQAC			02-Sep-2013		
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		

Orientation Programme	19-Aug-2019 1	573
Natural Farming	14-Sep-2019 1	3500
Education System	14-Sep-2019 1	50
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8. Provide the list of Special Status conferred 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	GRANT FOR ORGANIZING CONFERENCE	AICTE	2020 183	103333
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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 :

4

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)

- IQAC organized a various guest lecturers to the faculty members through online mode.
- Encouraged the staff members to organize seminars and workshops frequently in the college.
- Motivated the students to participate in seminars, workshops, various cultural activities, and sports conduct the on campus and off campus.
- Motivated the student to attend the various national and international conferences.
- Motivated the staff members to apply for sponsored research projects.

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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	Achievements/Outcomes
To enhance the number of smart class rooms in the academic departments	Achieved
To support meritorious and academically weak students.	Achieved
To encourage teachers to participate in seminars, workshops and conferences.	Achieved
To Arrange Special Programme for Teaching & Non-Teaching Staff members	Achieved
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
ACADEMIC COUNCIL	16-Aug-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

Yes

Date of Visit

20-Oct-2020

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

08-Feb-2020

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)

Siddharth Institute of Engineering and Technology maintains a Management information system for the support of academic and administrative activities. 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 Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	01	Civil Engineering	04/09/2019
BTech	02	Electrical & Electronics Engineering	04/09/2019
BTech	03	Mechanical Engineering	04/09/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Civil Engineering	04/09/2019	Communicative English - 19HS0810	04/09/2019
BTech	Civil Engineering	04/09/2019	Communicative English Lab - 19HS0811	04/09/2019
BTech	Civil Engineering	04/09/2019	Workshop Practice Lab - 19ME0301	04/09/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	08/07/2019
BTech	Mechanical Engineering	08/07/2019
BTech	Electrical & Electronics Engineering	08/07/2019
BTech	Electronics & Communication Engineering	08/07/2019
BTech	Computer Science & Engineering	08/07/2019
BTech	Computer Science &	08/07/2019

	Information Technology	
BTech	Agricultural Engineering	08/07/2019
Mtech	Structural Engineering	22/07/2019
Mtech	Control System	22/07/2019
Mtech	Power Electronics	22/07/2019
Mtech	Thermal Engineering	22/07/2019
Mtech	CAD/CAM	22/07/2019
Mtech	DECS	22/07/2019
Mtech	ES	22/07/2019
Mtech	VLSI	22/07/2019
Mtech	CSE	22/07/2019
MBA	Master of Business Administration	08/07/2019
MCA	Master of Computer Applications	08/07/2019

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
Soft Skills Training	05/07/2019	107
Applied robotic control 1.0	25/07/2019	30
CRT(Campus Recruitment Training)	27/07/2019	58
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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 Engineering	6
BTech	Civil Engineering	4
BTech	Civil Engineering	1
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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

Feedback Collection Process: 1. The feedback is collected by the Internal Quality Assurance Cell (IQAC). 2. 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. 3. The feedback has been collected through the online system by a defined in build 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. 4. 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. 5. Maximum number of students is participated in giving feedback (98 to 100).

Feedback Analysis: 1. Once feedback is collected it will be under the process of the faculty performance through some standard statistical tool applications. 2. The collected feedback is analyzed by the IQAC and a detailed report is submitted to the principal.

Rewards/Corrective Measures: 1. The faculty is called to have a discussion about feedback with the HOD and Principal for the betterment in their performance. 2. The best performed faculty members are encouraged with appreciation. 3. Members of the faculty, whose performance is poor, are advised based on their weak areas by HOD and Principal. 4. The faculty members are encouraged to participate in various Workshops/Seminars/Conferences/ Training Programs/FDPs to enhance their skills. 5. 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. 6. 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
BTech	Civil Engineering	120	80	80
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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
2019	2942	347	222	55	277

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
277	277	12	69	6	12

[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)

Yes – ‘Student Mentoring System’ is an interactive system that involves addressing of common student concerns such as academics, career advancement, co-curricular and extra-curricular performances and accordingly mould them to utilize various resources available in the institution for their holistic development. Under the mentoring system, a group of Students (18 to 20 members) of each class are attached to a Counselor / Mentor and informed to the students through mail or circular. One hour is assigned in regular timetable called as counselling hour. During this scheduled hour, Mentor- mentee meetings takes place every week to sort out the issues (if any). Counseling book maintained for each and every student keeps the track of student academics from first year through last year of their course of study. Students are counseled for poor attendance, poor performance in examinations, disciplinary issues, etc. Students are groomed and encouraged to participate in co- curricular and extracurricular activities such as competitions, seminars, workshops, etc., organized by various clubs and societies, both at intra and intercollegiate levels. Any important information shared to parents, minutes of counselling done, status of student academics after the results release etc., are recorded in the counselling book which will be signed by Mentor and Mentee. This will be further submitted to HOD and Principal at the end of every semester.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3285	182	1:18

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
277	277	Nil	85	42

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
2020	Dr .G.Prabhakaran	Professor	FSIESRP (LM171899128) from Society of Innovative Educationalist Scientific Research Professional
2020	Dr Bogala Madhu	Assistant Professor	Young Scholar Award
2020	Mr.K. Sai Chandu	Assistant Professor	World book of Records
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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
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				examination
BTech	Civil Engineering	I Year I Sem	10/01/2020	07/02/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
191	6323	3.02

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
01	BTech	Civil Engineering	87	70	80.46
02	BTech	Electrical & Electronics Engineering	62	61	98.39
03	BTech	Mechanical Engineering	125	105	84

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2.7 – Student Satisfaction Survey

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

http://igac.sietk.org/sss.html

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

Yes
Name of the teacher getting seed money
Dr .K. Subramanyam
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr Bogala madhu	Membership	20/01/2020	Society for world environment and food technology

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3.2 – Resource Mobilization for Research

3.2.1 – 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
Industry sponsored Projects	1825	APSSDC	2600000	2600000

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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1

3.3 – Innovation Ecosystem

3.3.1 – 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
Webinar on Life Skills for Success	Training and Placement	03/08/2020

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3.3.2 – 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
Student Entrepreneurship award	B Sai Teja	Young Entrepreneur summit Awards	15/02/2019	Young Entrepreneur
Best Teacher	Prof.Dr.P.G.G opinath	AH HSSRHM	19/10/2019	Best Teacher Administrator

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3.3.3 – 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
Start - ups - SIETK	B Saiteja	College Management	Web Development and Marketing	Webdesign	21/10/2019

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
English	1
Mathematics	2
Mechanical Engineering	1
Agricultural Engineering	1
Electronics and Communication Engineering	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Electronics and Communication Engineering	2	0
International	Civil Engineering	13	0.5
International	Mechanical Engineering	5	0.5
International	Electrical and Electronics Engineering	1	0.5
International	Electronics and Communication Engineering	4	0.5
International	Computer Science and Engineering	2	0.5

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3.4.3 – 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	1
Electronics and Communication Engineering	4
Mechanical Engineering	3

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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
DIRECT CONTROL OF TORQUE OF INDUCTION MOTOR BASED ON FUZZY LOGIC APPLIED FOR ELECTRICAL VEHICLES	Published	202041023333	12/06/2020

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3.4.5 – 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
A Novel Approach Based on Modified Cycle Generative Adversarial Networks for Image Steganography	P.G. Kuppusamy, K.C. Ramya, S. Sheeba Rani, M. Sivaram, Vigneswaran Dhasarathan	Scalable Computing: Practice and Experience (SCOPUS)	2020	2	1	1
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3.4.6 – 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
Investigation of turbo decoding techniques based on lottery arbiter in 3D network on chip	M. Suaganthi, A. Karthikeyan, P. G. Kuppusamy	Microprocessors and Microsystems (SCOPUSWOS)	2019	7	1	YES
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	3	92	8	27
Presented papers	3	24	1	7
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Electrical and Electronics Engineering	Solar Power Generation	APSPDCL	2229000
Computer Science and Engineering	Online Exams	AIIMS	17400

Computer Science and Engineering	Online Exams	APPSC Departmental Exams	182064
Computer Science and Engineering	Online Exams	APPSC Departmental Exams	33766
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
MECHANICAL ENGINEERING	Automotive-4 Wheeler-Expert	APSSDC	25000	22
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3.6 – Extension Activities

3.6.1 – 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
World Environment Day	NSS Unit	10	100
Blood Donation Camp-LIC Office.	NSS Unit LIC Officials	2	50
Prevention Of Ragging	NSS Unit Puttur court officials	20	1000
Independence Celebration	NSS Unit	150	200
Teacher's day	NSS Unit	250	1000
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3.6.2 – 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
Blood donation camp	Certificate of appreciation	Model Blood bank	150
Blood donation camp	Certificate of recognition	NTR trust blood bank	204
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3.6.3 – 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
Camp	NSS Unit LIC Officials	Blood Donation Camp-LIC Office.	2	50
Camp	NSS Unit	Police Day	5	100

	Puttur police officials.	-Blood Donation		
Camp	NSS Unit NTR Trust officials	Blood Donation Camp-NTR Trust	5	450
Awareness	NSS Unit Puttur court officials	Prevention Of Ragging	20	1000
Awareness	NSS Unit Narayanavanam mandal Tasildhar team.	Voter's Day	5	50
Awareness	NSS Unit Puttur police officials.	Awareness Program On Road Safety	50	500
Interaction	NSS Unit and College sports club	Chittor District level intermediate Event.	220	2600
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Collaborative activities between SIETK IIT-Tirupati	"Mr. A. Mohan Ms. Reshma"	SIETK	72
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3.7.2 – 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
Internship	Internship	M/s Bharath Heavy Electricals Limited, Ranipet	13/06/2019	09/07/2019	T.Naveen V.Jaya Kumar
Internship	Internship	M/s BEML Limited, Kolar Gold Fields.	25/06/2019	11/07/2019	G.Subramanyam Reddy
Internship	Internship	M/s Jubliant Motor Works, Bangalore	24/06/2019	17/07/2019	Alagesan Karthick

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
IIT Thirupathi	18/07/2019	Teaching Learning Process	15
QSpiders	12/12/2019	Technical and Academic Programme	1500
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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
6000	599687579

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

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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
Dolphin Software Solution, Coimbatore	Fully	1.1	2017

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
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Text Books	35890	9315071	14155	3680300	50045	12995371
Reference Books	6634	1843949	324	129600	6958	1973549
Journals	280	282000	Null	Null	280	282000

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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
Mrs.G.Indiravathi	Optimal Page Replacement Algorithm	CamStudio	11/05/2020
Mrs.G.Indiravathi	Need for Page Replacement	CamStudio	11/05/2020
Mrs.G.Indiravathi	Programmable Logic Array	CamStudio	10/05/2020

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1235	15	1150	3	3	29	23	175	0
Added	0	0	0	0	0	0	0	125	0
Total	1235	15	1150	3	3	29	23	300	0

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

300 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
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/ajGgylAhMLc
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/FZe9Pux3rLQ
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinacle Software for Editing Media Centre, Audio Visual	https://youtu.be/E7_6GupXGLU

Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/sYnC7NU8FBI
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/w4JSv61-OCY
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/V8QIrY7f0DY
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/HkpROtVJ6y8
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/3nI7Dr8KDC4
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/hGrr6DtYD54
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/Z0eYPVzOzfa
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/hqZ2tIh5NOY
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/6BjHlYgbku0
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://youtu.be/SZe-9AbGct4
Media Centre, Audio Visual Centre, Lecture Capturing System, Mixing Equipment and Pinnacle Software for Editing	https://docs.google.com/document/d/1YOCmjjI8xMRab9N2QhGkW6EJO6sGlcTt/edit?usp=sharing&ouid=115291409590322305384&rtpof=true&sd=true

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
1200	117523997	35	3159373

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)

The institute has a well-defined system of maintenance of its physical, academic, and support facilities like laboratory, library, sports, indoor stadium, computers, classrooms, etc. The maintenance Supervisor and his team are involved in the maintenance of overall infrastructure facilities. This team looks after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and housekeeping. The workers look after the maintenance of restrooms, approach roads, and neatness of the entire premises. Housekeeping services are regularly executed and monitored. The institute has a strong system for the maintenance team under the guidance of the Administrative Officer. The overall maintenance of infrastructure like instructional rooms, administrative, amenities and circulation area, academic and support facilities are done systematically with the support of qualified and trained technical and administrative staff. Adequate in-house staff is employed to meticulously maintain hygiene and cleanliness on the campus so as to provide a clean and congenial learning environment. Periodic reporting on requirements of repairs and maintenance is submitted by the HODs to the Administrative officer. The requirements are collectively processed during every semester break so as to keep things ready for the next academic year/semester. List as follows: 1. Laboratories 2. Classrooms 3. IT Infrastructure 4. Electrical Works and Maintenance 5. Transport Facility 6. Library facility 7. Sports facilities

www.sietk.org

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	Institution Merit Scholarship	112	425000
Financial Support from Other Sources			
a) National	APGovt.(RTF MTF) National Scholarship	3234	240501975
b) International	-	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	08/07/2019	1157	Training

development

Placement Cell,
SIETK[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
2019	Career guidance program	703	703	16	378

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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
12	12	12

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
DXC TECHNOLOGY	150	33	TCS	152	55

[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	B.Tech.	Mechanical Engineering	Siddharth Institute of Engineering and Technology	Master of Electrical Electronics Engineering

[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
Any Other	14

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

Activity	Level	Number of Participants
Cricket	Inter-Meet	180
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
2019	First Place-Boxing	National	1	Nil	17F61A03A7	A.S.Sadik
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student Council: Institute promotes candidature of students on academic and administrative bodies. An active Student Council comprises members to monitor Cultural, Technical, Sports and Literary events, Antirragging Gender sensitization programmes, NSS activities and Alumni meet in college. Council members along with association and committee members take active role in conducting College Annual day, Sports day, traditional day and national festivals. A Student Council is a representative structure through which students in the college get involved in the affairs of the college for the benefit of the college and all students. Objectives • To enhance communication between students, management and staff. • To promote an environment conducive to educational and personal development. • To promote friendship and respect among pupils. • To support the management and staff in the development of the college. • To represent the views of the students on matters of general concern to them. The Student Council and the Management: • The college establishes and maintains procedures for the purpose of informing about the activities in the college. • The college encourages students to set up a Student Council and assists it as per requirements. • The college draws up rules for the establishment of a Student Council, selection of members and the dissolution of the council. • The college has a role in arranging meetings of student council. The Management gives active support to the student council and assists the Council in drawing up a constitution and in planning and organizing its activities. The Student Council and the Principal: The role of the Principal is of central importance in the establishment and operation of a Student Council. In assisting the Management in the development of college policy, and in working with teachers and to implement it at day-to-day level, the Principal is centrally placed in all aspects of the college's operations. In the initial stages, the Principal, together with the other teachers, will assist in the development of a Student Council in several ways, for example, by discussing with students the role of a Student Council and the role of individual representatives on the council. The Principal will assist in guiding the Council's development, so as to allow for a constructive and purposeful Council. More generally, the Principal can promote the college culture which recognizes the potentially valuable input that students can make, through a Student Council, into the development of the college. Key functions of Student Council: The functions and activities of a Student Council support the aims and objectives of the Council and promote the development of the college and the welfare of its students. In planning and undertaking activities during the course of the year, the Council 1. Works closely with the management, teachers,

and students. 2. Consults students in the college regularly and involves as many students as possible in the activities of the Council.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Siddharth Institute of Engineering Technology, since its inception in 2001, has been striving to achieve and impart quality education with an emphasis on practical skills and social relevance. Over the years, many students graduated through the portals of Siddharth Institute of Engineering Technology to be the torch bearers in the society. The alumni of Siddharth Institute of Engineering Technology are now spread across the world, contributing to the society as Engineers, Teachers and Entrepreneurs. They are the brand ambassadors of our college. Siddharth Institute of Engineering Technology, Puttur, has Alumni Association registration, under the Act.no. 35 of 2001, society no. 369 of 2012, on 11th December, 2012 on the name of "Siddharth Institute of Engineering Technology Alumni Association" has well connected Network of its Alumni. The alumni support the institution and contribute to its institutional and academic development. The college conducted 9 Alumni meet in science 2011 in the name of "HOME COMING" or "ALUMNI DAY" at college campus, to bring together all the old students to share their experiences with faculty. The alumni participate actively as the members of Board of Studies (BOS) and give valuable suggestions for framing innovative curriculum to include latest technologies, which help in meeting the industry requirements. Currently, 2560 alumni have enrolled themselves in the association. A separate website "<http://alumni.siddharthgroup.ac.in/>" The Alumni also actively involve and support the student on placement opportunities and in pre-placement in training to build the necessary skills/training such that the students choose right path and become skilful and employable. They also advice students on the importance of Internships in Industry and how to approach the Industry for seeking an Internship. Alumni contributions can be in the following manner: • Discussion with current students: First-hand experiences in the challenging real life are always welcomed by graduating engineers and they will be keener to learn from their pass-out seniors and these exchanges are always fruitful. • Guest lectures/Workshops: Technology is always changing, and industry is always eager to encash the fruits of the latest technology. Academic syllabus always endeavours to catch up with changes in technology. Institutes try hard to fulfil the gap through value added programs in the form of guest lectures. Alumni are ideal sources for this as they understand the culture of both society and the college. • Financial support through alumni contribution: Siddharth Institute of Engineering Technology Alumni Association is financially contributing to college. At present 2018-19 academic year they contributed Rs. 17,58,000. • BOS members: Siddharth Institute of Engineering Technology alumni are part of Board of Studies (BOS) members and Internal Quality and Audit Control (IQAC) as Co-opted members. • Jobs by Alumni/Referrals for jobs: Alumni help their juniors by providing information about job openings in the current markets. Many-a-time alumni themselves are part of the placement finalize groups. • Internship by Alumni: Some of the alumni are providing internships assistance to the students in their ventures. Alumni meet held on 29th December 2019 at Siddharth Institute of Engineering Technology, Puttur.

5.4.2 – No. of registered Alumni:

2560

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

1758000

5.4.4 – Meetings/activities organized by Alumni Association :

1. Guest lecture on "Cognizant Recruitments process" by L.Hemanth on 20th July 2019 at B-203, SIETK. 2. Expert Lecture has been given in the area of thermal engineering by Bhaskar Reddy.R on 13th December 2019 at SDC, SIETK 3. Webinar on Renewable energy grid integration along with real time case studies by R. Balaji on 23/05/2020. 4. Webinar on "CNC programming and analysis" By Silambarsan.K on 27-05-2021 5. A webinar on "Latest Programming Technology in Industry" by Raveendra Sai K V on 04/04/2020 6. Expert Lecture on "Enhance the security Challenges through IOT" by Sudheer S. on 14/12/2019 7. Guest Lecture on "VLSI Technology" by Mohana Priya on 29/12/2019 at ECE seminar hall 8. Guest Lecture on "Drought Proofing through NRM" by M.Rahini Kumar, NRM facilitator, Pragathi organization, Tirupati On 11/10/2019. 9. Guest Lecture on "Advanced Concrete Technology" by T. Cinternshipandrasedhar on 03/01/2020

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 to ensure a decentralized governance system. 1. Academic Management The Chairman is the chairperson of the governing body of Siddharth Institute of Engineering Technology and the Principal is the member secretary. The Principal in consultation with the Faculty nominates different committees for planning and implementation of different academic, student administration and related policies. Faculty members are taken part in various committees and 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. Further, Students are empowered to play important role in different activities. The Institution involves all the stakeholders in decision making process for framing guidelines and rules regulations to ensure smooth and systematic functioning of the institute. 2. Administrative Management As a decentralization measure of general administrative responsibilities, new portfolios are created at different time intervals and Deans are appointed for the same. Many senior faculty members occupy pivotal administrative positions like the Deans, Placement Officer, Controller of Examination, various committee members. They are also part of various decision-making administrative bodies. The institution has in place several Committees and Sub-Committees to continuously monitor and guide the academic and administrative activities. The committees comprise of key stakeholders like administrators, faculty, staff, industry, employer, alumni, parent, and students.

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
Curriculum Development	<ul style="list-style-type: none"> The duly constituted Board of studies and the Academic council reviews are conducted each year through which academic and industry experts evaluating the feedback of various stake holders and inputs by the faculty and students. Students are provided

with an academically rich, highly flexible learning system blended with abundant provision for skill practice and activity orientation. • The curriculum is periodically updated and the same to cope up with the current technology, industry standards and expectations. Stake holders' reviews are considered for reforming and reviewing of the curriculum.

Teaching and Learning

Every year the academic calendar is prepared with tentative dates for all the academic events, internal assessments and academic committee meetings. It is helpful in planning and scheduling all academic activities within the stipulated time. Based on the competency and the experience of the faculty the courses are allocated.

- Learning resources in Central library.
- Highly ventilating and hygienic Smart Classrooms with LCD projectors and Wi-Fi.
- ICT enabled classrooms and Seminar halls
- Special invitees from reputed universities and Industries to cover the emerging areas.
- Integration of MOOC, SWAYAM (NPTEL) courses in the curriculum.
- Incorporating new elective courses.
- Development of student support material
- Conduct remedial classes for slow learners
- Facilitate pre placement training classes and campus connect programmes
- Structured course files and lab manuals for all courses.
- Continuous assessments and evaluation systems
- Continuous improvement of resources

Examination and Evaluation

- Well structured and organized exam cell
- The Institute has adopted evaluation system based on university pattern the end exam papers are assessed with bar codes.
- Provision of Internal Squad for End Semester examination to restrict malpractices, if any.
- To ensure fair practices and transparency are maintained in the conduction of examinations
- Continuous evaluation is ensured for every semester with two mid-term examinations and the regular end examination.
- The performance of a student in each semester shall be evaluated through internal evaluation and an external evaluation in every semester.

Research and Development

- R D cell is formed to promote Research and development activities.
-

Facilitates sending Research proposals to various funding agencies. • Promotes research and development activities to enhance the skills of faculty and students in the emerging areas. • Faculty and students are encouraged to attend international conferences, seminars, workshops, symposiums, FDPs, and other events. • Online access to e-resources and e-library • Faculty are encouraged to publish research papers in Scopus/SCI indexed Journals, Web of Science and file patents etc. • Grants received to conduct Conferences and Workshops. • Facilitates seed money and funding internal R D Projects. • Research collaborators like IITs are identified and research promotions are carried out by establishing MOUs. • Three Professors have Guide ship in the institution and Promoting Guide ship to the qualified and experienced Faculties. • Motivating the students to do mini-project works. • Faculties are motivated to pursue research degrees.

Library, ICT and Physical Infrastructure / Instrumentation

The college has state-of-art physical infrastructure, library, ICT facility, laboratories facility. • Library • Text Books-35890 • Reference Books- 6634 • Journals • E-Books • NPTEL Videos, DELNET, INFLIBNET etc. • Computers - 30 • Network Speed - 175 Mbps • Land - 28.63 Acres • Hostel - 04 • Canteen - 02 • Other facility - World class Auditorium, Open-Auditorium, UBI ATM and Stationery store. • Sports Games - Outdoor and Indoor facility available.

Human Resource Management

• The recruitment procedures, service rules and promotion policies are made transparent and employees are benefitted with CL, ML, ESI, GI and EPF. Employees' salary will be credited in the bank account directly. • For professional development of the human resource, the institute delegates the faculty to undergo development programs outside the institute, provides technical resources and financial assistance to undertake such development programs • The institute uses performance evaluation methods for the faculty members. • The institute organizes Orientation and Development Programmes for faculty, staff and students • Faculty and students are felicitated for their academic achievements

<p>Industry Interaction / Collaboration</p>	<ul style="list-style-type: none"> • Industry Interaction is integrated for all courses • MOUs are signed with local industries for mutual benefit with the exchange of expertise • Guest lectures are being conducted for faculty and students with industrial experts • MoUs signed with CM's Skill Excellence Centre under APSSDC. • Promoted Industry Academia Partnership (IAP) • Intelligence quality, Orientation programmes and guest lectures are conducted for the students by the Industry experts • Campus Connect programmes to enrich faculty and students in the market trend. • Understand the real time scenario. Alumni placed in the reputed industries are invited for talk about industrial trend. • Entrepreneurship orientation activities are organized for the students.
<p>Admission of Students</p>	<ul style="list-style-type: none"> • To have admissions, the State Government through Department of Technical Education and Andhra Pradesh State council of Higher Education (APSCHE) conducts the entrance examination at state level for UG and PG programmes. • To allot the students into First year for UG Programmes (B.Tech.) through APEAMCET • To allot the students into Second year (lateral entry) for UG Programmes (B.Tech.) through APECET • To allot the students into First year for PG Programmes (M.Tech.) through APPGCET • To allot the students into First year for PG Programmes (MCA and MBA) through APICET. • Allotment of students for both UG and PG programmes are followed by 1. Convener Quota 2. Management Quota

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

E-governance area	Details
<p>Planning and Development</p>	<ul style="list-style-type: none"> • Dolphin software is used for academic planning involving various activities as outlined in section. • Feedback of students is used to improve the teaching learning process and develop new methodologies. • Use of Google sheets/excel sheets is done for data • Transaction of academic and administrative nature. • Department information needed for regulating bodies such as UGC and AICTE. • High end computers with high-speed internet facility are deployed to facilitate e-

	governance. • Dissemination of information to all stake holders is done through WhatsApp and emails. • Meetings and online classes are facilitated through zoom software.
Administration	• Biometric system of attendance is implemented. • E-notice board for disseminating information to faculty and students. • End semester examination results are published through online
Finance and Accounts	• Competent software Tally ERP 9 is used to maintain and manage the in and out flows of the finance. • Auditing is carried out through the software. • Online fees collection
Student Admission and Support	The Dolphin Software Solution ERP is used to Enquiry the course details, Course fees, admission of students. Rejoining/Discontinue/request for TC, assigning roll numbers etc.
Examination	The software ICampus is implemented for maintaining a student database like Student Course registration, Examination registration Hall ticket Generation, Internal Marks entry, Internal Marks Check List , Practical Award List Generation , Practical Marks Check List , Practical Mark Entry, Sample OMR , Absentees Entry, D-form Generation, Result Processing, Student history etc.

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
2020	D Sakunthala	Three Day National Level Hands-on Workshop on "Implementing Complex VLSI Applications using Open Source EDA Tools" in Association with IETE from 23-01-2020 to 25-01-2020	IETE	600
2020	P SaiKusuma	Three Day	IETE	600

		National Level Hands-on Workshop on "Implementing Complex VLSI Applications using Open Source EDA Tools" in Association with IETE from 23-01-2020 to 25-01-2020	
2020	P Aruna Kumari	Three Day National Level Hands-on Workshop on "Implementing Complex VLSI Applications using Open Source EDA Tools" in Association with IETE from 23-01-2020 to 25-01-2020	IETE 600
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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)
2020	Webinar on "Leadership Challenges and Classroom Management "	--	22/06/2020	22/06/2020	120	Nil
2020	Webinar on "Contemplate the Past-Grasp the Present and Approach the Future - the	Nil	20/06/2020	20/06/2020	120	Nil

	ultimate is shaping the Student"					
2020	Webinar on "Emotional Intelligence for faculty members"	Nil	19/06/2020	19/06/2020	129	Nil
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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
Six days FDP on Creating Significant Learning Experience	1	01/07/2019	06/07/2019	6
NPTEL-AICTE Faculty Development Programme on Robotics	1	01/07/2019	30/09/2019	92
Eight Weeks NPTEL Online course Principles of Metal Technology	1	01/07/2019	30/09/2020	92
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
78	78	1	1

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Medical care	EPF, ESI, 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 to ensure

financial compliance. The institutional accounts are regularly audited. Internal audit The internal audit is a continuous process. Qualified Internal Auditors from external resources have been appointed and a team of faculty and staff under them do a thorough basis check and verification of all payments, receipts journals vouchers of the transactions cash books, ledger account review that are carried out in each financial year on an accrual basis system. External audit A financial audit is carried out once in a financial year by an external chartered accountant. The audit consists of verification of cash book, bank book, fees bank accounts, journal entries, ledger, income tax returns etc. The observations shared by the auditor during the auditing process are immediately corrected prior to the generation of final report. Audit Member Mr. Rajasekhar, Auditing In-charge, SIETK, Puttur External audit External audit is conducted by the appointed auditors on annual basis. Auditors: 1. Mr. P. Murali Mohana Rao, P. Murali and Co, Chartered Accountant, Firm Reg. No. 007257(s) Hyderabad. 2. Mr. A Krishna Rao Member Ship No: 020085 Hyderabad.

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
A.Kalpana	28000	Infrastructure Development
View File		

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	NBA and FFC	Yes	IQAC Chairman
Administrative	Yes	NBA and FFC	Yes	IQAC Chairman

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

- PTA (Parent - Teacher Association) arranges a programme to welcome the first year students and their parents on the day of commencement of the first year classes.
- Parents are invited during the NBA, NAAC and other committee visits to give their feedback and suggestions.
- Feedback from parents is collected in the prescribed format, analyzed and used for further development of the institution.
- The PTA meeting discusses the attendance of the students besides their performance in the Internal Assessment tests (Mid exams) conducted by the departments.
- Slow learners in different departments are identified and parent-teacher interaction is arranged to improve the efficiency of slow learners.

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

- Yoga classes are arranged for the interested staff members to maintain their health.
- Spoken English class is being conducted for the staff to improve their communications.
- Five Day Online Faculty Development Programme on "Business 4.0 - Embracing Digital Technology" Association with Wegrow Technology from 03-06-2020 to 07-06-2020.
- All staff members are encouraged to participate in sports and cultural activities organized by the institution.

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

- Examination Reforms include Change in Question Pattern and announcement of result through website.
- Campus Recruitment Trainings through QSpiders are initiated for improving placements.
- Collaboration with industry for Industrial support in real time based research projects in order to develop solutions for production-sourced problems (IAP - Industry Academia Partnership).
- Concentrating Teaching and Learning Process, the institution has MOU with IIT Tirupathi, for mentoring our faculty.
- Promoting NPTEL certificate courses for faculties to get command on subject and faculties are promoted to complete the NPTEL online course of their respective subject expertise.
- Establishment of RD, IBM Lab, MIC Lab, Robotics Lab and SIEMENS Lab to aim towards skill development of Students and Faculties

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
2019	IIT Mentorship for Faculties and Students	18/07/2019	18/07/2019	31/12/2020	15
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International Womens Day Celebration	08/03/2020	08/03/2020	250	10
A seminar on "Technology careers for women"	15/02/2020	15/02/2020	180	17
A seminar on "Inspiring Women's"	08/11/2019	08/11/2019	200	20
A seminar on "Women of Wisdom"	24/08/2019	24/08/2019	280	23

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 Siddharth Institute of Engineering Technology (SIETK) has taken a major step towards alternative energy by harnessing a major renewable energy resource. Percentage of power requirement of the college met by the renewable energy sources 43.28 • Electric Energy requirement met by renewable energy sources - 225069 kWh per Year • Electric Energy supplied by SPDCL - 294841 kWh per Year • Total Electric Energy consumption - 648540 kWh per Year • Percentage demand met by renewable sources - 43.28

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	No	Nil
Any other similar facility	Yes	Nil

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
2020	2	2	09/01/2020	4	Fusion 2020	Important of sports along with curriculum	2870
2019	1	1	21/10/2019	1	Education for every one	1. Let's make education a human right. 2. prevention of child labour 3. Promote learning and life skills	128

						for young people and adults in local area.	
2019	1	1	29/08/2019	1	Election awareness	1. Spreading voting awareness. 2. Reduces the scope for unfair or corrupt electoral practise.	120
2019	1	1	05/08/2019	1	Traffic Rules	1. Do not drink and drive. 2. Always own valid car insurance policy. 3. Wear your seatbelt while driving a car. 4. Riding a two wheeler without a helmet. 5. Using mobile phone while riding 6. Over speeding. 7. Jumping the signals	300
2019	1	1	08/07/2019	1	Soft skills about attitude	Soft skills educate students about 1. To help formulate problem	350

solving skills.
 2. To guide students in making appropriate and responsible decisions
 . 3.To create a desire to fulfil individual goals

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Manual for students	04/10/2019	Academic Regulations of a particular batch will be made available in the college website which includes Promotion Rules, Course Structure, Calculation of CGPA, Award of Class etc.,
Student's code of conduct	04/09/2019	Code of Conduct For Students: 1. Each student shall conduct himself in a manner befitting his association with SIETK. 2. He is expected not to indulge in any activity, which is likely to bring disrepute to the college. 3. He should show due respect and courtesy to the teachers, administrators, officers and employees of the college and maintain cordial relationships with fellow students. 4. Lack of courtesy, decorum, indecorous behaviour or untoward attitude both inside and outside the college premises is strictly prohibited. Wilful damage or discard of Institute's property or the belongings of fellow students are not at all accepted. Creating

disturbance in studies or adopting any unfair means during the examinations or breach of rules and regulations of the Institute or any such undesirable means and activities shall constitute violation of code of conduct for the student. 5. Ragging in any form is strictly prohibited and is considered a serious and punishable offence as per law. It will lead to the expulsion of the offender from the college. 6. Violation of code of conduct shall invite disciplinary action which may include punishment such as reprimand, disciplinary probation, debarring from the examination, withdrawal of placement services, withholding of grades/Degrees, cancellation of registration, etc., and even expulsion from the college. 7. Principal, based on the reports of the warden of Institute hostel, can reprimand, impose fine or take any other suitable measures against an inmate who violates either the code of conduct or rules and regulations pertaining to college hostel. 8. A student may be denied the award of Degree/certificate even though he has satisfactorily completed all the academic requirements if the student is found guilty of offences warranting such an action. 9. Attendance is not given to the student during the suspension period.

Code of conduct for teachers and staff

02/09/2019

1. Code of Conduct for Teachers Staffs a.

Teachers shall be at the scheduled classroom in time without any exception. b. Every teacher shall take attendance of the student at the beginning of the teaching hour. c. Classroom laboratory should be left by teacher at the end of the class hour. d.

A teacher finding a student committing any act of misconduct in the class or in the premises, shall immediately take appropriate action, which shall be -taking

correctional action if it is within his/her power, or -reporting the matter to the Principal a. Every

faculty member shall attend all the departmental and institutional functions and carry out

responsibilities assigned by employing best of their skills and

attention. b. Faculties and staff members shall not engage themselves in other activities/ businesses, which affect their effective

contribution in the Department and the

Institution. a. Faculties and Staff Members shall not receive gifts of any kind from the Students or their Parents for any

favoritism. b. Teachers and staff members shall maintain a respectable work conduct with

continuous improvement of

: i. preparation for the particular day's classes, with latest information added to earlier course content. ii. all teaching aid material required for conducting the class in an orderly manner.

iii. practices according to session plan for the

day and completing the syllabus for the semester without any backlog.

i.following up assignments and tests given to students, evaluating in time and giving feedback to the students. ii.ensuring the orderly arrangement of Class room and its cleanliness with the help of students and the cleaning staff, wherever appropriate.

iii.obtaining prior sanction for leave of absence and forewarning the students of such absence as a measure of courtesy. a.Teachers and staff members shall observe good personal conduct in terms of:

i.Not using any abusive language towards students, fellow teachers, parents and other members of public.

ii.Not entering into quarrels, fights or any act of disrespectable nature. iii.Not engaging any activity of business inside the Institution premises, including money lending, canvassing for the sale of any articles or distribution of any commodity. iv.Not to affiliate with any political organization which might cause conflict of interest with the duties of a teacher and the reputation of the Institution.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
National Human Trafficking Awareness day	11/01/2020	11/01/2020	450
Social service activities	19/11/2019	19/11/2019	250
Gender Equality	11/10/2019	11/10/2019	400

[View File](#)

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

- Towards Plastic-free Campus
- Green Landscaping with Trees and Plants.
- Tree plantation drives are taken at the campus by our NSS Units.
- Restricted entry of automobiles.
- Around 50 of students and 50 of staff depend on public transportation.
- We are slowly moving towards “e-office” i.e., paperless offices. -- Online admissions, scholarship portals, online examination application process, uploading of internal assessment marks, declaration of online examination results, attestations of students documents, etc., certainly reduced the papers and have contributed to green campus initiative.
- Plastic bottles, cups, bags, etc., are discouraged.
- Water, electricity, etc., are to be optimally used by students and staff.
- Rainwater Harvesting and Water Management

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: Department Association Day Envision and Execution through Association Activities Objectives of the Practice The Association Activities are conducting every year to facilitate Innovative skills, Imaginative skills, Communication Skills, Presentation Skills, Leadership qualities, Technical Skills and verbal skills for translating the knowledge into skills which become survive in the competitive world. The Association activity aim at fostering the extra co-curricular skills by providing faculty support and facilities to improve by themselves. Create an ecosystem for innovation and skills development through activities, facilitation of technology and skills transfer for Generalization by multi activity approach. To provide the opportunity for students to use their skills to solve complex engineering challenges. The Context Promote culture of Association various activities-Poster Design Contest, Poster Presentation, Techno Quiz, Brain Teaser, Paper Presentation, Project Expo and Short Film that facilitate creativity and innovation. Association activities often associated with a positive behavioral outcome, implying that such activities directly shape student's skills development. Student participation in extracurricular activities has uniform positive effects regardless of the meaning it holds for individual participants within distinct social context. Identity can help to explain the finding that social contexts differentially influence developmental outcomes associated with participation in extracurricular activities. It helps in building strong network of Mentors/Advisors across the verticals. Necessary infrastructure support is provided to students to incubate to progress in their ideas. Assessment of student activities is conducted by the domain experts or faculties. The Practice The Practice and its uniqueness in the context of Envision and Execution through Association Activities at SIETK is truly reflected by the several activities that are performed in the campus. A committee is established to take care of all the activities. The structure and responsibilities of the committee are defined in below. Structure: ? One of the faculty act as Convener ? One faculty from each department act as Coordinator ? Appointing a Student Committee ? President from Final Year ? Vice-president from Final Year ? Secretary from Pre - Final Year ? Treasurer from Final Year Responsibilities: ? Planning and organizing Association Inauguration function ? Planning the Association events to be conducted ? Project Expo ? Paper Presentation ? Technical Quiz ? Poster Presentation ? Short Film ? Department's Choice ? Organizing the events in every month ? Monitoring and Evaluating the Performance ? Purchasing and Distributing Certificates and Prizes ? Organizing the Valedictory function of Association for each department ? If any event has to be conducted outside the classroom, the same shall be done after working hours. ? Any other responsibility assigned by the HOD/Principal from time to

times. Evidence of Success Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words. The activities and competitions conducted for students bring about innovative ideas in them. It helps the students to showcase their talents, organizing skills, and make use of their ideas in their future endeavours. It helps students to enhance their team building skills which is very much essential in future in their jobs. Problems Encountered and Resources Required Any Innovation to shape the product with multi skills, there is need for Involvement of multiple extra co-curricular activities. Association activities are usually multidisciplinary efforts. The facilities and expertise in SIETK is now at different department. The culmination of an effort to bring this Association Activities and facilities under single umbrella happened with Annual Association Celebrations. It is therefore envisaged that the whole institution will get together to Envision and Execution through Association Activities to train the student for succeed in the competitive world. 2.Title of the Practice: Additional Skill Acquisition Programme (ASAP). The Institution receives students majorly from the rural areas and agricultural families. They join the institution with prospect of getting the job immediately after the completion of their program. The Institution faces a huge challenge along with the students as the industry looks not only at the academic performance of the student but also the communication skills. The college took the challenge and has started providing special training to the students in addition to the Training Placement classes in the curriculum. Objectives: The primary objective of introducing Additional Skill Acquisition Programme (ASAP) is to make the students acquire employability skills to be industry ready. The students must also be ready to contribute to the society. For the past three years the students have been trained according to the requirements of the market. Objectives to initiate the practice are: • Prepare the student with learning aptitude to acquire new skills in the industry • Preparing the students to be self-confident and face the challenges of future • Making the students ready to be employable in the global markets • To enhance the students' knowledge base to learn diversified skills according to the dynamic environment In order to be accessible to the industry of the global market, the students must be sound in the academic knowledge. After ensuring their academic performance students are provided the required training. The Context: It has been observed in the country in recent times that the employability skills of the students in technological field are damagingly low. The industry is looking for industry ready students for their tasks. The challenge here is making the student industry ready with diverse skills and also enhances the quality of the skills. Partnership between industry and academics is not happening at required rate. Industry requirements and academic accomplishments are not matching at equal levels. The students require additional skills in order to bridge this gap. The Practice: The Institute has signed an MOU with "QSpiders" a special training organization in order to provide skill based training to the students. It works in alignment with Training and Placement department of the Institution. The trainers from the "QSpiders" provide training on Soft skills and Technical skills. Training and Placement department also consists of various specialist trainers for providing training in Aptitude, Quantitative techniques and Communication Skills. They help students in coordination with trainers from "QSpiders" to clear various rounds of interviews. In view of this the technical skills required for the students are made part of curriculum in the 2nd and 3rd years of engineering programs. Evidence of Success: The increasing percentage of students getting placed in various organizations is the evidence of success. Majority of the students are getting jobs in organizations like Capgemini, Tata Consultancy Services, First Source, Mindtree, Wipro are some of the examples of our success. 3.Title of the Practice: Online Student feedback system The college practices to collect student feedback in online mode. Feedback is collected in online mode in order to receive free and fair feedback. A student

by remaining anonymous can give rational feedback about the teaching and other facilities utilized by them. Feedback is collected about the institutional academic and non-academic activities. Feedback includes teaching, facilities. The students, in a convenient, consistent and anonymous manner can submit their feedback about the faculty, the facilities and the courses offered to them during the period of their study. This system approaches all about institutional and educational practices and processes that are taken into consideration and the student's concerns of the level of the knowledge they receive. This procedure ensures that there is a good and cordial relationship between the students learning environment and the teachers. Objectives: The primary objective of introducing Online Student feedback system is to make the students provide free and objective feedback about the teaching faculties, facilities available to the students in the institution including hostel and library facilities to enhance their skills apart from the regular teaching in the institute. The students must also be ready to contribute to the society.

For the past three years the students have been required to provide the feedback in online mode. Objectives to initiate the practice are: • Enhance the facilities required by students with learning aptitude to acquire new skills in the industry • Motivating the faculty members to make the students self-confident and face the challenges of future • Providing the students new courses and new skills to adapt themselves to the markets • To enhance the institutional image and provide a biased free learning environment to acquire diversified skills according to the dynamic environment The Context: It has been identified that the students fresh from intermediate or plus two background are hesitant to provide free and objective feedback on the teaching and other facilities of the institution. The institute is looking for constant improvement in order to provide better facilities to the students and make them industry ready and also good citizens of the society. Majority of the students do not consider the importance of feedback given in a free and fair manner. The challenge has been to convince the students to give objective feedback in a free and fair manner to improve the institutional facilities. The Practice: The institute has started online feedback system three years ago in order to encourage the students to give feedback in an unbiased and free and fair manner.

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

<http://sietk.org/Ass.php>

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

Vision To be one among the premier Institutes of the country in producing Ethically strong and Technically sound engineers and managers to serve the Nation.. Mission To create sacred environment for the students to acquire knowledge through innovative and professional approach and utilize it for the welfare of the mankind. Siddharth Institute of Engineering Technology is soaring greater heights in the field of technical and management education. The institute boasts of highly qualified and experienced faculty with great infrastructural facilities and excellent placement records of its students. The management encourages the students and the faculty to "Dare to Dream and Strive to Achieve". The institute is a "Dream come True" for many students of the rural areas of Chittoor district and Southern Andhra Pradesh. Since 2014, India is recognized as a signatory of the Washington Accord, and students graduating from accredited programs of Tier-I Institutions (Autonomous Institutions) shall have global recognition. Since, our institution has academic autonomy focused efforts were in place towards ensuring graduating engineers from all programs

Demonstrate expected skill and competency leading to their global recognition. The institute has adopted Outcome based education and striving for experiential learning. To implement effectively the outcome based education the institute has focused on bridging the gap between industry and academics by forging Industry Academia Partnership program. Industry Academia Partnership (IAP) is a program for the students to collaborate with Industry to identify and provide possible solutions to the problems which they are facing in their organization. In this program student is able to learn about the current issues and challenges in Industry.

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 all 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 7. To apply for NAAC Cycle - II. 8. To Participate NIRF Ranking. 9. To encourage the faculty to file the good number of patents. 10. To conduct Academic and Administrative Audit for each department. 11. To conduct Induction programme for newly joined faculty.

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