



## YEARLY STATUS REPORT - 2022-2023

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	SIDDHARTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY
• Name of the Head of the institution	Dr P Sekhar Babu
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	9177607659
• Mobile no	7893044445
• Registered e-mail	info@siddhartha.ac .in
• Alternate e-mail	pradeep_mailus@yahoo.com
• Address	Vinobha Nagar, Ibrahimpatnam, Ranga Reddy District, Telangana-501506
• City/Town	Ibrahimpatnam
• State/UT	Telangana
• Pin Code	501506
<b>2.Institutional status</b>	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Jawaharlal Nehru Technological University</b>				
• Name of the IQAC Coordinator	<b>Dr S Krishna Mohan Rao</b>				
• Phone No.	<b>7893044445</b>				
• Alternate phone No.	<b>9177607659</b>				
• Mobile	<b>9177607659</b>				
• IQAC e-mail address	<b>info@siddhartha.ac.in</b>				
• Alternate Email address	<b>pradeep_mailus@yahoo.com</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://www.siddhartha.ac.in/img/about/TSCOGN111048.pdf">https://www.siddhartha.ac.in/img/about/TSCOGN111048.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 Web link:	<a href="https://www.siddhartha.ac.in/sr23_calendars.php">https://www.siddhartha.ac.in/sr23_calendars.php</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A+</b>	<b>3.31</b>	<b>2022</b>	<b>11/10/2022</b>	<b>10/10/2027</b>
<b>6.Date of Establishment of IQAC</b>			<b>29/05/2015</b>		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Siddhartha Institute of Engineering & Technology /ECE/Dr Subba Rao	MODROB	AICTE	2021-2022	1771107
Siddhartha Institute of Engineering & Technology /ECE/Dr V Bhagya Raju	CONSULTANCY	HACKBOATS	2021-2022	500000
Siddhartha Institute of Engineering & Technology /ECE/Mr. P Raghu	CONSULTANCY	MARAMANISHI	2022-2023	500000
<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>		<b>Yes</b>		
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>		<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>		<b>2</b>		
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>		<b>Yes</b>		
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>		No File Uploaded		
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>		<b>No</b>		

• If yes, mention the amount	
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
IMPLEMENTATION OF ONLINE TEACHING- LEARNING METHODS	
QUALITY CHECKS ON DIFFERENT ACTIVITIES OF THE INSTITUTION THROUGH AUDITS	
PROFESSIONAL DEVELOPMENT THROUGH WEBINARS AND COURSES	
FIRMING THE PEER PERCEPTION OF THE COLLEGE THROUGH MENTORING AND KNOWLEDGE SHARING SESSIONS	
CONTINUOUS FOCUS ON IMPROVING TEACHING-LEARNING INFRASTRUCTURE AND ICT EQUIPMENTS AND THEIR MAINTAINANCE FOR QUALITY ENHANCEMENT	
<b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>	
Plan of Action	Achievements/Outcomes
Gap analysis based on quality indices prepared by IQAC	Improvement in publications, both in quality and number. Teaching and Learning was improved to meet the benchmarks set.
Regular analysis based on quality indices prepared by IQAC	The indices made a good impact in improving the attendance, research and placements.
Preparation of roadmap of AQAR work	Improvements are noticed in the criteria due to number of review meetings and workshops conducted.
Conduct & Analysis of Academic and Administrative Audit	Recommendations of the audit committee were analyzed & necessary steps are taken towards achieving the outcome.
Examination reforms	Workshops/ seminar organized for all teachers on Question paper setting as per Bloom's taxonomy.
<b>13. Whether the AQAR was placed before statutory body?</b>	Yes
• Name of the statutory body	

Name	Date of meeting(s)
IQAC	23/02/2023

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2022-2023	05/03/2024

**15. Multidisciplinary / interdisciplinary**

Several steps have been taken by SIET to ensure that it is prepared for the implementation of the NEP's multidisciplinary/Interdisciplinary approach. 1. SIET started by conducting a review of its existing curricula to identify any gaps and deficiencies in its current offerings. This helped the college identify areas where it may need to add new courses or revise existing ones in order to meet the NEP's multidisciplinary requirements. 2. The institution also considered introducing interdisciplinary courses that bridge multiple disciplines in order to provide a holistic education to students. 3. The institution also reviewed its faculty and staff and identified potential areas where additional expertise is required to meet the NEP's multidisciplinary needs. 4. Created new academic programs that focus on multidisciplinary education and research. 5. Invested in new infrastructure and technology that is necessary to support the multidisciplinary approach of the NEP. 6. Finally, SIET also created linkages with other institutions to foster collaboration and exchange of ideas and resources.

**16. Academic bank of credits (ABC):**

SIET institutional preparedness for NEP will be addressed through the Academic Bank of Credits. This entails the establishment of a national repository of academic credits that can be accessed and transferred by students across institutions in the country. This will ensure that the students have access to a wide range of courses and programmes, enabling them to pursue different disciplines, specializations and inter-disciplinary courses. The Academic Bank of Credits will also assist in the portability of credits across institutions, enabling students to complete their degrees from different institutions without having to repeat courses or programmes. This will help in reducing the cost of higher education and improve the mobility of students in the country. The Academic Bank of Credits will also ensure that the students have access to

courses and programmes of their choice and can pursue more than one course or programme at the same time. This will help in increasing the quality of higher education in the country.

#### **17.Skill development:**

The National Education Policy (NEP) has made significant changes in the higher education system in India. The policy aims to make Indian higher education system more holistic, flexible, and multidisciplinary. It also emphasizes the importance of skill development among students to help them become productive members of society. SIET is well-prepared for the implementation of the NEP, It focuses on skill development initiatives for its students. This includes training and development opportunities, internships, apprenticeships, and industry-academia collaborations. The institution has ensured that the curriculum and pedagogy are aligned with the NEP objectives. The institution also introduced courses that are more focused on practical skills, as well as on the development of soft skills. In addition SIET provides adequate resources and facilities to ensure that students can gain hands-on experience in their respective fields. This could include access to laboratories, workshops, and other necessary equipment. The institution also invested in the development of the faculty so that they can effectively impart the required skills to their students. Finally, SIET explored ways to collaborate with the industry and other stakeholders to ensure that the students are well-equipped with the necessary skills for their future job roles. This could include organizing workshops, seminars, and other events to facilitate knowledge-sharing and develop industry-relevant skills. Overall, SIET has taken the necessary steps to ensure that they are well-prepared to implement the NEP and provide the best possible skill development opportunities to their students.

#### **18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

SIET has already started preparing itself for the NEP by introducing various academic reforms as per the vision of the NEP. These reforms include: 1. Enhancing the quality of teaching and learning by improving the quality of faculty, curriculum and assessment. 2. Developing appropriate knowledge of Indian knowledge systems, culture, literature, arts and music. 3. Introducing more interdisciplinary and experiential learning. 4. Promoting research and innovation through modern pedagogy. 5. Making use of online courses and technologies for effective teaching and learning. 6. Encouraging the teaching of Indian languages and culture as a part of the curriculum. 7. Promoting the use of digital technology for

teaching and learning. 8. Enhancing the quality of research and development in the field of engineering. 9. Introducing specializations in engineering technology, computer science and other engineering-related fields. 10. Developing global linkages with other universities, research centers and industry.

#### **19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

SIET has already taken measures to prepare for the New Education Policy (NEP). The NEP aims to transform India's education system and make it more outcome-based, with a focus on experiential learning and student-centered pedagogy. In order to meet this goal, SIET has implemented several initiatives to promote outcome-based education. SIET began introducing hands-on practical and project-based learning to replace the traditional lecture-based teaching. This has resulted in students becoming more engaged in the learning process and developing better problem-solving skills. SIET has also invested in modernizing their teaching infrastructure and equipment to equip students with the skills and resources needed to become successful in their chosen professions. SIET is also encouraging faculty to develop teaching methods and content to incorporate the outcomes-based approach in the curriculum. In addition, SIET is also engaging in collaborative efforts with industry to provide students with professional internships and real-world experience. This is expected to help students gain valuable work experience and establish connections with potential employers. Overall, SIET has taken significant steps towards implementing the NEP and preparing for outcome-based education. This is expected to go a long way in helping students develop the skills and knowledge needed to succeed in the future.

#### **20.Distance education/online education:**

The National Education Policy (NEP) 2020 provides an opportunity to college institutions to innovate, transform, and modernize their systems to allow for distance and online education. To prepare for this, SIET looked into the following initiatives: 1. Developing robust online infrastructure: SIET ensured that their online systems are reliable and secure, and that they have the necessary bandwidth and hardware to support online learning. 2. Investing in interactive learning tools: SIET invested in interactive learning tools such as virtual classrooms and online lecture halls to provide a more immersive learning experience for their students. 3. Upgrading existing online platforms: SIET upgraded existing online platforms such as their Learning Management Systems (LMS) to ensure that these platforms are up-to-date with the latest technologies and can meet the changing needs of students. 4. Investing in faculty training:

SIET invested in faculty training to ensure that they are equipped with the necessary skills to deliver quality distance and online education. 5. Developing flexible course delivery models: SIET developed flexible course delivery models to meet the needs of their students and ensured that they are able to provide quality education in the most efficient manner. 6. Implementing quality assurance measures: SIET established quality assurance measures to ensure that they are able to provide quality distance and online education to their students. 7. Establishing collaborations with other institutions: SIET explored collaborations with other institutions and enabled them to share resources and expertise and to provide access to a wider range of courses and learning materials. By taking these initiatives, SIET is able to ensure that they are well prepared for the implementation of the NEP 2020 and that they are able to provide quality distance and online education to their students.

### Extended Profile

#### 1.Programme

1.1	528
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 2.Student

2.1	2300
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	423
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>



2.3	472
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	182
Number of full time teachers during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
3.2	182
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	50
Total number of Classrooms and Seminar halls	
4.2	788.15
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	624
Total number of computers on campus for academic purposes	
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curricular Planning and Implementation</b>	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
Siddhartha Institute of Engineering and Technology (SIET)has a	

structured curriculum delivery plan. The academic calendar is prepared before the commencement of new academic year.

1. Academic Calendar: The Institute prepares College and Departmental academic calendars as per the JNTUH academic calendar by incorporating Institutional and Departmental specific activities planned for the Academic year.

2. College Academic Calendar: Curriculum, Co-Curriculum and Extra-Curriculum activities are incorporated in College Academic Calendar in addition to the JNTUH Academic Calendar for effective Curriculum delivery and Outcome based Education(OBE).

3. Departmental Academic Calendar: A well-structured Academic Calendar which is in-line with the JNTUH academic calendar is prepared by the Head of the Department with the approval of Principal. It includes all the departmental activities like Department Academic Committee (DAC) meetings, Workshops, Guest Lectures, Seminars, Field visits, Project Reviews, Parent Teacher Meeting, Campus Recruitment Trainings(CRT), Skill development Programs, Alumni Meet, value added and Add-on programs. Co-Extra-curricular activities are also planned for student enrichment.

- Handbook.
- Induction Program for the First year students
- Course File.
- Project Based Learning:.
- Student Centric Learning Methods
- Tutorial and Remedial Classes
- Use of Advanced Teaching Techniques
- Subject Allocation
- Mentoring

IQAC plays active role in academic planning and monitoring the curriculum delivery.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://siddhartha.ac.in/img/aqar/1/1.1.1_1.pdf">https://siddhartha.ac.in/img/aqar/1/1.1.1_1.pdf</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institution's adherence to the academic calendar is evident in the structured planning and execution of various academic activities, including lectures, laboratory sessions, examinations, and Continuous Internal Evaluation (CIE). The academic calendar provides a structured roadmap for faculty members and students, facilitating effective time management and resource allocation. Specifically, the academic calendar of the institute is made in accordance with the academic calendar of JNTUH. The departments prepare their academic calendars with reference to the institute's academic calendar. Regularly scheduled assessments, quizzes, and projects are strategically integrated into the academic calendar, Communication channels are established to keep students informed about the schedule, allowing them to plan and prepare adequately. The schedule of examination-related activities is communicated to the students in advance. This adherence to the academic calendar fosters a disciplined and focused academic environment, contributing to the overall success and academic excellence of students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://siddhartha.ac.in/img/aqar/1/1.1.2_1.pdf">https://siddhartha.ac.in/img/aqar/1/1.1.2_1.pdf</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.**  
**Academic council/BoS of Affiliating University**  
**Setting of question papers for UG/PG programs**  
**Design and Development of Curriculum for Add on/ certificate/ Diploma Courses**  
**Assessment /evaluation process of the affiliating University**

**A. All of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.2 - Academic Flexibility****1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented****1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

10

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**1.2.2 - Number of Add on /Certificate programs offered during the year****1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

35

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

2112

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**1.3 - Curriculum Enrichment**

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

**Category**

**Name of the Course**

**Relevance**

**Human values and Professional Ethics**

- Professional Ethics Management and Organizational Behavior
- Business Law and Ethics
  
- These courses impart a set of ethical standards and basic values for the existence of Humanity.
- These courses also teach the standards for professional practice, proposed appropriate technologies and management patterns to create harmony in professional and personal life.

**Gender**

**Gender Sensitization Lab**

- The course emphasizes the basic value system of Indian culture, gender equity, traditional honor and pride in accordance to Indian Ethics, and develops a sense of appreciation of gender in all.

**Environment and Sustainability**

**Disaster management**

- Understanding Disasters, man-made Hazards and Vulnerabilities  
Understanding disaster management mechanism and the tools and methods of disaster managements

**Environmental**

**studies**

- Understanding the importance of ecological balance for

sustainable nature and its development through various environmental policies and regulations.

#### Renewable Energy Sources

- Through this course students are made aware of the importance of Renewable Energy Sources and Non Renewable Sources for future generations.
- 70KWp roof top Solar power plant is installed in SIET campus.

#### Constitution of India

#### Constitution of India

- The course comprises of Indian constitutional law, fundamental rights & duties and Parliament structure.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

#### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

302

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Institutional Data in Prescribed Format	<a href="#">View File</a>

**1.3.3 - Number of students undertaking project work/field work/ internships**

1661

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

**1.4 - Feedback System**

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="https://www.siddhartha.ac.in/img/about/stakeholders.pdf">https://www.siddhartha.ac.in/img/about/stakeholders.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - Feedback process of the Institution may be classified as follows**

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://www.siddhartha.ac.in/img/about/stakeholders.pdf">https://www.siddhartha.ac.in/img/about/stakeholders.pdf</a>

**TEACHING-LEARNING AND EVALUATION****2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year****2.1.1.1 - Number of students admitted during the year**

764

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)****2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

435

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Based on the academic performance of the students in their First Mid-term and from also their day-to-day performance in the class rooms are classified into Slow Learners and Advanced Learners.

Measures taken to support advanced learners:

- Encouraged to prepare presentations, write papers and participate in international/national conferences/seminars/workshops.
- Students are encouraged to take up Innovative projects at higher levels under Incubation center.
- Access to advanced study material/Journals is provided.
- Embolden to take up competitive exams for higher studies like GATE, GRE, TOEFL, IELTS, CAT, and PG CET etc.
- Encouraged to participate in the Industry Internships to provide practical learning and polishing the soft skills.
- Students are Encouraged to Organize Technical Seminars in order to enhance their ability to excel in the Industry.
- The students are motivated



to participate actively in the activities like Technical Quiz, Aptitude Test, Group Discussions.

Measures taken for Slow Learners:

- Efforts are made to identify the cause of their problem and appropriate solutions are worked out.
- Mentor-mentee interaction.

Tutorial classes are taken as remedial sessions for slow learners. • Remedial classes are included as part of the lesson plan.

File Description	Documents
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/2/2.2.1.pdf">https://siddhartha.ac.in/img/aqar/2/2.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
2300	182

File Description	Documents
Any additional information	<a href="#">View File</a>

### 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

SIET established the student-centric methods and are successfully implemented in regular academic habit. They make the students more self-reliant and self-motivated. They also make learning interesting and effective. The institute strongly believes that student-centric learning methods enhance the lifelong learning skills of the students. The institute has taken up various student-centric teaching-learning methods to intensify the learning levels of the students. In regular classroom teaching, teachers apply experimental learning, problem-solving methodologies, role-play activities, classroom seminars, group discussions, project works, survey methods, case study, etc. Apart from classroom teaching, students are taken out on Industrial visits and encouraged to utilize Library e-resources and publish their research papers.

**1. Experimental Learning:**

The institute offers experiential learning for students with the following approaches:

Laboratory Sessions

Add-on Courses on latest technologies

Project development

Library e-resources

Industrial Visits

**2. Participatory Learning:**

Group Discussion, Debate: Encouraging students to participate in debates and discussions

Placement Related Learning

Guest lectures and Seminars

Technical club activities

Problem-solving methods

Assignments & Quizzes

Think -Pair Share

Virtual labs

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://siddhartha.ac.in/img/aqar/2/2.3.1.pdf">https://siddhartha.ac.in/img/aqar/2/2.3.1.pdf</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The Faculty at SIET makes the best use of the technology in their teaching process. Our faculty has sound knowledge and skills to use ICT tools to achieve high academic standards. In our campus ICT has been enabled for better communication, presentation of ideas in an effective and relevant way. Faculty most often uses ICTs for lesson plan development, basic information search and presentation

**Green/White Board teaching:** To convey basics, critical information, history, background theories and equations Green/White board are being used.

**Online teaching:** The faculty made a swift transition from classroom to online teaching by using platform like Microsoft Teams.

**Google Forms:** The faculty is also using Google forms for assessments. **Ability Assessment test:** Providing various online platforms like Reference globe, CodeTantra, etc., for training and assessing the students in analytical, aptitude and technical skills.

**Blogs:** The faculty uses blogs as an instructional, potential online resource to students.

**MOODLE:** MOODLE provides an e-learning platform that has different environments for learners with dynamic, interactive, nonlinear access to a wide range of information (text and videos) as well as self-directed learning in online communication.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

173

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

### 2.4.1 - Number of full time teachers against sanctioned posts during the year

182

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

#### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

32

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

#### 2.4.3.1 - Total experience of full-time teachers

690

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Academic calendar and timetables are disseminated at the start of the semester. Transparency is maintained through the mechanisms as :

**Theory:** Syllabus and schedule for every internal assessment and assignment is communicated to students well in advance. First internal examination is conducted after 8 weeks and second internal examination is conducted during 15th week. Internal examination question paper along with scheme is prepared by the faculty and audited by the senior faculty to ensure syllabus coverage, course outcomes and level of revised Bloom`s taxonomy. The internal examination answer scripts are evaluated within three days of completion of exam schedule. Finalized internal marks are displayed on the notice board. Consolidated Marks reports signed by HOD and approved by principal. **Assignment:** Assignment test consisting of five questions are given to each student well before the mid-term exams. The assignments are then evaluated by the respective faculty evaluated assignment scripts are returned to the students for their reference. **Lab:** Day to day evaluation is done in each laboratory session and marks are posted in the students` record book. **Project:** Project evaluation and awarding of marks are based on various problem statements, literature survey, scope of the project, methodology, architecture, design and presentation skills

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://www.siddhartha.ac.in/sr23_regulations.php">https://www.siddhartha.ac.in/sr23_regulations.php</a>

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Institute conducts two types of examinations, Internal & External Examinations. Internal Examinations are conducted by the Institute and External Examinations are conducted by the University. The examinations are conducted with utmost transparency and fairness. The hall tickets are issued to the students for External Examinations well in advanced. Any grievances related to hall tickets are addressed by the examination cell. The concerns of the students are given top priority and resolved immediately.

The general grievances related to internal examinations: If a student finds any discrepancy in aggregate marks, he /she approaches HOD, then HOD instructs the internal assessment committee to resolve the issue. If a student finds that the marks are not awarded due to wrong numbering, then he /she directly approaches the faculty for redressed. All the grievances are therefore resolved with utmost priority.

The general grievances related to external examinations: Any grievance related to external examinations, is addressed by the examination branch. In case the university needs to be contacted, a demand draft for the prescribed fee drawn in favour of "THE REGISTRAR JNTUH", payable at Hyderabad is to be submitted by the student at the college Examination branch.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://siddhartha.ac.in/img/aqar/2/2.5.2.pdf">https://siddhartha.ac.in/img/aqar/2/2.5.2.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The Institute has clearly stated program outcomes (POs), program specific outcomes (PSOs), and course outcomes. The mechanism followed by the institution to communicate/disseminate outcomes to the teachers and students is as follows. College website (<http://www.siddhartha.ac.in>) Department home page on the college website (<http://www.siddhartha.ac.in/cse.php>) Principal office Library Faculty Room Department Library Department Brochure Course File Handouts Canteen Newsletter Laboratory Manuals Corridors Classrooms College Magazine Laboratory Record Books Seminar Hall Placement cell The course instructor defines the course outcome for

all the courses using revised Bloom's Taxonomy. The Department Advisory Committee and the Head of the Departments review and approve the course outcomes (CO).

Each course outcome is mapped to program outcomes and program specific outcomes in terms of their correlation. Three levels of correlations are used for mapping COs with POs and PSOs, where, 1 is used for indicating low, 2 for medium and 3 for a high level of correlation. The contribution of a course to each PO/PSO is expressed in terms of the average relevance of COs mapped to that particular PO/PSO.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://siddhartha.ac.in/img/aqar/2/2.6.1-1.pdf">https://siddhartha.ac.in/img/aqar/2/2.6.1-1.pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Course Outcomes, Program Outcomes, and Program Specific Outcomes are calculated to measure the knowledge, skills, and behaviour of students for the continuous quality enhancement of each Course and Programs using the below-mentioned procedure. Primarily, Course Outcomes are articulated as per Bloom taxonomy for all the courses. Then CO-PO and CO-PSO correlation matrix are set for all the courses in the program. Target Attainment Level is set for each Course Outcomes. Course Outcomes Target Attainment 3 2 1 CO >80% >70% >60%

Attainment of COs is calculated using Direct and Indirect methods.

1. Direct Assessment Tools: Assignment: The assignment contributes overall marks of 5 towards the internal assessment. Objective: Objective exam contributes overall marks of 10 towards the internal assessment. Descriptive: This exam contributes an overall of 10 marks towards the exam, the internal assessment is evaluated for 25 marks. Sem End Examination is evaluated for 75 marks

2. Indirect Assessment Tools: Alumni Survey and Employer Survey, Graduate/Exit Survey, Alumni Survey, Employer Survey. Finally, in evaluating the Course Outcomes, we take weighted average of the 80 % of the direct assessment and 20 % of the indirect assessment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://siddhartha.ac.in/img/aqar/2/2.6.2.pdf">https://siddhartha.ac.in/img/aqar/2/2.6.2.pdf</a>

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

472

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://siddhartha.ac.in/img/aqar/2/2.6.3.pdf">https://siddhartha.ac.in/img/aqar/2/2.6.3.pdf</a>

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://www.siddhartha.ac.in/img/aqar/2/2.7.PDF>

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

##### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

###### 3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

28.8



File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

### 3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

#### 3.1.2.1 - Number of teachers recognized as research guides

13

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

### 3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

#### 3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

6

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://www.maramanishi.com/">https://www.maramanishi.com/</a>

## 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The SIET has aligned with the Digital India Policy's objective of cultivating the skills of the youth and preparing them for the

industry, the institute has set up various facilities. These include an incubation center, R&D Cell, an EDC, an IPR cell, Centers of Excellence, and Memorandums of Understanding (MOUs) with various organizations.

**Incubation Centre:**

It helps students and entrepreneurs validate their business ideas by providing constructive feedback, market analysis, and feasibility assessments. It facilitates the efficient use of resources by offering physical space, infrastructure, and access to laboratories, equipment, and technology necessary for prototype development.

**Entrepreneur Development Cell**

EDC provides a platform for students to brainstorm, nurture, and refine their entrepreneurial ideas. It organizes seminars, workshops, and training programs to enhance the entrepreneurial skill set of students. EDC often provides support for incubating startups. It educates students about the legal and regulatory procedures involved in starting and running a business. This awareness ensures that students are well-informed about the formalities and compliance requirements.

**Center of Excellence**

Center of Excellence for Internet of Things

Center of Excellence for Artificial Intelligence

Center of Excellence for Building Information Modeling

Center of Excellence for Electronic Prototype Design and Development (EPDD)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/3/3.2.1-1.pdf">https://siddhartha.ac.in/img/aqar/3/3.2.1-1.pdf</a>

**3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual**

**Property Rights (IPR) and entrepreneurship during the year****3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year**

8

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

**3.3 - Research Publications and Awards****3.3.1 - Number of Ph.Ds registered per eligible teacher during the year****3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year**

1

File Description	Documents
URL to the research page on HEI website	<a href="https://siddhartha.ac.in/img/aqar/3/3.3.1.pdf">https://siddhartha.ac.in/img/aqar/3/3.3.1.pdf</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year****3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year**

332

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

87

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The NSS cell within our institution is actively engaged in numerous extension activities aimed at improving the well-being of neighboring communities and addressing their social concerns. The NSS Cell dedicates its efforts to organizing various programs, including: International Day of YOGA Day, NSS Day Celebrations, National Unity Day, Blood Donation Camp, International Youth Day, Eye Camp, International Women's Day and CPR Training Program

#### Impact of NSS Activities:

Yoga sessions have promoted physical and mental well-being among students and faculty.

NSS Day led the students the spirit of volunteerism and community service, inspired them to conduct events like blood donation camp and eye camp.

Around 50 units of blood are donated by the students and faculty to help those in medical emergencies.

The students have no knowledge on their eyesight until the eye camp was conducted. About 243 students have sight issues and were advised accordingly.

On Women's Day program the female faculty and staff were honored for their efforts to reach to this place which has inspired and motivated.

A unique program called CPR training was conducted equipped the participants with life-saving skills to respond effectively to medical emergencies. The program increased confidence and readiness to face such situation.

File Description	Documents
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/3/3.4.1-1.pdf">https://siddhartha.ac.in/img/aqar/3/3.4.1-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

4

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

#### 3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

8

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

### 3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

#### 3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

943

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

##### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

49

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

#### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

4

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

**INFRASTRUCTURE AND LEARNING RESOURCES****4.1 - Physical Facilities**

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The college is spread over 10 acres of land with a built-up area of 14,391 sq.mts. and is surrounded with lush green Lawns, plants and trees. The Institution has adequate infrastructure and facilities as below:

**Classrooms:** All the classrooms are equipped with LCD Projectors, audio system and ICT facilities for delivering the effective lectures.

**Laboratories:** Fully equipped labs with state-of-art infrastructure are established. Other facilities like Centre of excellence in Building Information Modeling, Centre of excellence for Electronic prototype design and development facility, Centre of excellence for IoT, Centre of Excellence in AI, and Centre of Excellence in Skill & Personality Development Program Center for SC/ST Students,

**Seminar Halls:** Equipped with Audio Visual, Wi-Fi and ICT facilities.

**Computing Equipment:** Computing resources which include 624computer systems, server, scanners/printers.

**Internet connectivity:** 500 Mbps broadband dedicated connectivity by Cyber Net links with 25 controlled Wi-Fi access points and optical fiber Connected network for campus-wide internet access.

**Library:** Library is automated with e-cap ILMS Software. Digital Library has web based resources, audio/video materials, e-books, e-journals, DELNET, J-gate, IEEE.

**Infrastructure:** Every block in the campus has lift facility, ramps and wheel chairs for the benefit of challenged students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.siddhartha.ac.in/img/aqar/4/4.1.1.pdf">https://www.siddhartha.ac.in/img/aqar/4/4.1.1.pdf</a>

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The Institute promotes Sports, Games and various cultural activities for all-round development by enhancing self-knowledge, personal development, courage and social interaction. To develop team spirit, leadership qualities and organizing abilities among the students sports hour is tabled along with regular curriculum and annual sports meet are organized in which students of all departments can participate and enrich their talents. Students are encouraged to participate in inter college competitions. The following sports facilities/kits are provided for conducting Sports & Games.

**Indoor Games:** 1. Chess 2. Caroms 3. Table Tennis

**Outdoor Games:** 1. Cricket 2. Volley Ball 3. Basket Ball 4. Badminton 5. Kabaddi 6. Kho-Kho

**Yoga:** Institute conducts yoga, and meditation classes for staff and students.

**Gymnasium:** A fully equipped gym with weighing machine, weight lifting apparatus, pushup beams, different weights and trade mill for fitness is available.

**Cultural Activities:** Cultural Activities are also taking part in the Institution to create a balanced atmosphere of academic and extra curriculum activities. The institute has an extensive auditorium. Professional trainers are arranged for training the students by organizing various activities and events that thoroughly facilitate the overall personality development of the student's.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.siddhartha.ac.in/img/aqar/4/4.1.2.pdf">https://www.siddhartha.ac.in/img/aqar/4/4.1.2.pdf</a>

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

42

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.siddhartha.ac.in/img/aqar/4/4.1.3.pdf">https://www.siddhartha.ac.in/img/aqar/4/4.1.3.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

131.01

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

##### 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The library is automated using Software E-CAP ILMS which is a web based Integrated Management Software. The E-CAP is useful in enhancing and stream lining the library operations in a more effective and efficient manner with an Open Access Catalog for students and staff.

Stock maintenance is done effectively using ECAP ILMS software. The Library has a vast collection of 27,050 Volumes and 5300 Titles. In addition 78 National Journals, 1116 full text IEEE-online Journals, DELNET, J-Gate Management Science online Journals, e-Journals and 30 General and Technical magazines and national / regional Newspapers are also available

The librarian takes care of purchase of Text Books, Reference books and Published Journals as per AICTE & JNTUH norms. Other requirements of Industrial related books, competitive books are also indented before the commencement of every semester , text books and reference books are procured as per the syllabus requirement . The library provides various services for the students such as issuing of books, journals, back volumes, project reports , photo copying and access to digital library. All the Library activities are computerized. The prominent display of sign boards enable divyang to use library with ease. BrailleBlaster software is also made available.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://www.siddhartha.ac.in/library.php">https://www.siddhartha.ac.in/library.php</a>

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

**A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)****4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)****59.73**

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)****4.2.4.1 - Number of teachers and students using library per day over last one year****300**

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure****4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

In means of providing internet access to students and faculty, the institute is well equipped of about 624 systems with a connectivity of 500 Mbps bandwidth. The institute also provides Wi-Fi facility for on campus and the students residing in Campus Hostels. The Principal's Office, Administrative Office, Examination Section, Training and Placement Cell and Senior Faculty member cabins and all Departments are well equipped with computer systems, scanners, printers, reprography machines, Wi-Fi routers with advanced configurations. The computer labs are with internet facility and are respectively installed with licensed software in all departmental labs

Up gradation of IT Infrastructure: Institute has upgraded its IT infrastructure such as procuring of a Server and Firewall, reforming

the CRT Monitors to LCD Monitors, enhancing 1 GB RAMs to 8 GB RAMs, increase of Internet Bandwidth from 100 Mbps to 500 Mbps including installations of Wi-Fi routers in entire campus. To provide more resources in Teaching and Learning the institute has procured LCD Projectors for classrooms and seminar hall along with Smart Interactive Board. Implementation of Bio-Metric machines for monitoring of Faculty & Staff. CCTV's are also installed throughout the campus in perception of electronic surveillance.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.siddhartha.ac.in/img/agar/4/4.3.1.pdf">https://www.siddhartha.ac.in/img/agar/4/4.3.1.pdf</a>

#### 4.3.2 - Number of Computers

624

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

##### 4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

92.61

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Regular cleaning of College floors, classrooms, laboratories, lab equipment, restrooms, college grounds, and internal roads, are being done by the housekeeping team under the supervision of the floor in-charge. College transport vehicles are regularly serviced and maintained as per the state transport regulation act. Electrical wiring and switch boards are supervised and maintained by college electrician. Lawns and gardens are mowed and trimmed by a full time gardener. Stock verification and up-keeping of the equipment in all labs.

**LABORATORY:** All the lab experiments and maintenance are supervised by a well trained technical staff. The safety precautions do's & don'ts, are displayed in each laboratory, First aid box, fire extinguisher are provided in each lab.

**LIBRARY MAINTENANCE:** Maintenance of library material involves continuous monitoring of the stack, displaying of new material on the display racks, verification of the bundles and arranging the books and periodicals in the shelves after every use..

**IT MAINTENANCE:** System administrator resolves the issues like installation of software, anti-virus, firewalls, hardware trouble shoot and looks after maintenance of computers and CC cameras, biometric and network issues..

**CLASSROOMS:** At the beginning of each semester the readiness of classroom and ICT facilities are checked.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.siddhartha.ac.in/img/aqar/4/4.4.2.pdf">https://www.siddhartha.ac.in/img/aqar/4/4.4.2.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefitted by scholarships and free ships provided by the Government during the year

1428

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefitted by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

678

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://siddhartha.ac.in/img/aqar/5/5.1.3-1.pdf">https://siddhartha.ac.in/img/aqar/5/5.1.3-1.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**1027**

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

**1027**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent**

**A. All of the above**

**mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

345

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

6



File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

**5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

25

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year**

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

7

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

The main objective of the student council of SIET is to actively involve the students in the development of SIET and a participate in various programs like annual celebrations, cultural programs, co curricular activities, organizational skills and interactive programs with the members of faculty coordinator.

The Student Levels of Participation

1. The SIET academic and administrative committees
2. Organizing career oriented activities, Institute level facilities.
3. The Institute Co-curricular and Extra-Curricular Performances.
4. College Disciplinary and Monitoring Planning.

1. The SIET academic(Curricular) and administrative committees  
( IQAC )

Department advisory committee(DAC)

Library and Professional Societies Committee.

Placement and Training, Alumni.

Grievances and Redressal Committee.

2. Organizing career oriented activities, Institute level

facilities.

Women Empowerment & Prevention of Sexual Harassment.

Cultural Committee.

Website/ IT/ ICT,Canteen Committee.

Disciplinary, Transport Committee.

3. Extra-Curricular Committees:

NSS/NCC Activities and Medical Facilities Committee.

SC/ST Committee (Equal Opportunities Committee)

1. College Disciplinary and Monitoring Planning.

2. Anti Ragging Committee Institute Anti ragging committee as follows

All the head of the departments

Hostel chief warden

Student coordinators

Inspector of Police, Ibrahimpatnam Police station

4. Anti-Sexual Harassment Committee

. 5. Student Grievance Redressal

File Description	Documents
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/5/5.3.2-1.pdf">https://siddhartha.ac.in/img/aqar/5/5.3.2-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

**5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution**

**participated during the year**

773

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

**5.4 - Alumni Engagement**

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Siddhartha Institute of Engineering And Technology Alumni Association (SIET AA) is administered by an Alumni committee. The alumni association is very dynamic in promoting interactions and camaraderie among the alumni, staff and the management.

The main objectives of this official Alumni Association are to:

Create a strong network between Alumni and Institute.

Create a strong network for Alumni progression as well as student's progression.

To provide a forum for the Alumni for exchange of ideas on academic, cultural and social issues

Maintaining the updated and current information of all Alumni.

**ALUMNI ASSOCIATION SUPPORT FINANCIAL AND NON-FINANCIAL ASSISTANCE:**

Alumni association funding is used to enhance the student community. The college invites the Alumni for guiding the young budding engineers of the institution to inculcate the students on behavioural Management, Current Opportunities, Stress Management, Career Management, Time Management etc. Talented alumni will likely

have a wealth of experience and skills to share with current students via talks . "Creating an engaged alumni network is beneficial for the college because engaged graduates are much more likely to want to "give back" to the SIET. Alumni meetings are conducted regularly whose minutes of meeting and events are recorded.

File Description	Documents
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/5/5.4.1-1.pdf">https://siddhartha.ac.in/img/aqar/5/5.4.1-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

**A. ? 5Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

**Vision of the Institute:** To be a pioneer institute and leader in engineering education whose primary concern would be the development of the human race and betterment of society through their knowledge, technological understanding and the spirit of progress

**Mission of the Institute:** 1. To create a conducive environment for the student centric learning and industry institute interaction.

2. To integrate the state of the art infrastructure, facilities and cutting edge academic delivery.

3. To develop and nurture socially conscious technocrats through continuing education and research.

**Quality Policy:**

The Governing Body is the highest body in the hierarchy which is constituted with Chairman of the society, Secretary and

Correspondent, Principal, JNTUH nominee, Educationalist, Industrialist, faculty member, any other management member as per AICTE guidelines. The institute Quality Policy is to uphold excellence in all aspects by adopting best practices. The Governing Body ensures truly democratic, decentralized and transparent governance with involvement of all faculties, committees, finance department, controller of Exams, TPO and Heads of various committees. The quality initiatives and activities through Internal Quality Assurance Cell (IQAC). IQAC conducts audits, awareness programs, review of TLP, feedback analysis, student survey and Training programs for faculty and staff periodically.

File Description	Documents
Paste link for additional information	<a href="https://www.siddhartha.ac.in/governing-body.php">https://www.siddhartha.ac.in/governing-body.php</a>
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Good governance involves decentralization and delegating responsibilities to Deans, Heads of the Department, senior faculties, various committee members, Administration department, Exam Branch Controllers, TPO. This ensures participatory management and active involvement of all staff members through various committees and statutory bodies. The Principal is the Head of institution in the hierarchy, followed by Deans and Heads of department to delegate responsibilities involving administrative and academic activities. Effective decision making with proper authority and financial support are significant for decentralisation which helps in Policy making, planning and management.

Decentralization is implemented through various committees, statutory bodies, along with involvement of stakeholders for framing guidelines, framing mission, vision and Quality Policy improving efficiency of the system and quality.

Institution also practices transparent governance by including MOM of Governing Body, various committees in the college website, through circulars and meeting information that is shared to employees. The organisation chart of SIET depicts the delegation of roles and responsibilities adhered to each and every member in hierarchy. The smooth functioning of the institution entirely

depends on the teamwork and harmony of all the stakeholders of the organisation at various levels

File Description	Documents
Paste link for additional information	<a href="https://www.sidhartha.ac.in/Organizational-Chart.php">https://www.sidhartha.ac.in/Organizational-Chart.php</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute strongly believes that to reach the position as stated in Vision and Mission statements, the human resource is the prime factor amongst the other resources. All the activities are driven by the quality policy and are closely monitored. The institution has 29 active committees which work constantly towards overall student development. High level committees constitute governing body, statutory body, Middle level committers and Principal, Deans, HOD's, Controller of examination,

Perspective plans of the Institution are:

Institution getting accredited with NAAC

Institution getting autonomous status after getting accredited with NAAC

Establishing well equipped Centre of Excellences

Establishment of Intellectual property rights (IPR) Cell

Establishment of Research & Development Centers

Organize Labs Using Emerging Technologies

Establishment of Incubation Center to meet the challenges of emerging technologies

Effective utilization of Enterprise resource planning (ERP)

ECAP Implementation in TLP, Examination, Accounts and Administration

Effective implementation of the National Cadet Corps (NCC) at

institute level

Student Motivational/Empowerment Cell

All Class rooms/Labs well equipped with LCD projectors

Upgrading Internet Bandwidth to meet the online classes' requirements especially in this pandemic situation

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://siddhartha.ac.in/img/agar/6/6.2.1-1.pdf">https://siddhartha.ac.in/img/agar/6/6.2.1-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

A well-defined hierarchy and organization structure is essential for effective decision making and policy framing. SIET has an organized hierarchy which leads to sustainable, consistent and effective involvement of external members in various Committees. Principal the head of institution along with experts in the prominent positions in the hierarchy are responsible for decision making, policy framing. Principal, Hod's along with the faculty members are involved in reviewing the progress of the institution participative management is practiced by constituting various Committees involving faculty. The management has always welcomed the views and suggestions expressed by the faculties in taking institution ahead. The presence of the faculty can be found in all Committees.

Such other authorities as may be declared by the Statutes to be authorities of the Institution.

1. The institution has a number of Committees for decentralized management activities for smooth functioning and effective learning to the students.

2. The Principal, and HODs, with the help of faculty members, reviews the progress and problems faced by various Committees.

3. The Grievances of the staff are redressed timely to keep their



motivation all time for their performance efficiency and satisfaction.

File Description	Documents
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/6/6.2.2-2.pdf">https://siddhartha.ac.in/img/aqar/6/6.2.2-2.pdf</a>
Link to Organogram of the institution webpage	<a href="https://www.siddhartha.ac.in/img/aqar/6/6.2.2-1.pdf">https://www.siddhartha.ac.in/img/aqar/6/6.2.2-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination**

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Various welfare measures are provided for the teaching and non teaching faculty to ensure their well being and values their contribution towards the progress of the institution.

**Teaching Staff:**

Providing Training to teachers for excellence in upgrading their credentials and skill sets.

Sponsoring Faculty & Staff for pursuing higher education.

Sponsoring Faculty & staff for attending workshops, conferences at national level by granting academic leave.

TA and DA allowances provided for FDP, workshops, seminar and training programmes to the teaching faculty.

Subsidized bus & mess facility is provided for teaching and non teaching staff. Provident Fund for eligible Faculty

Group health insurance for all the staff members.

Medical leave for hospitalized staff members. Maternity benefits, Paternity leaves, bereavement leaves.

If the faculty members meet with an accident the salary payment of the period will be provided. Baby care centre is available to meet the requirements of infants for working women.

Non-Teaching Staff:

Festival advance as and when required.

Group insurance is available.

Crash Course in Computer Basics for the interested

Supporting Staff.

Casual Leaves are provided for all the Supporting Staff.

Free transportation facilities for all the non-teaching staff members.

Fee concession for the faculty's children.

File Description	Documents
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/6/6.3.1-1.pdf">https://siddhartha.ac.in/img/aqar/6/6.3.1-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year****6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

130

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year****6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

9

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)****6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

119

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

SIET believes in optimizing the contribution of individual faculty through a performance appraisal system. The self appraisal form is filled by the individual staff members and is further forwarded to IQAC/ HOD/Principal and management for evaluation. Assessing the performance is based on following performance indicators:- The ultimate aim of appraisal of faculty performance is to ensure that the program objectives are served best. The following methods are practiced in the college, among other informal ways:

1.Course Monitoring

2.Student Feed Back

3.Annual Faculty Performance Appraisal

**Annual Faculty Performance Appraisal**

Annual Faculty Performance Appraisal is the annual confidential report to be submitted by faculty each year towards the end of the academic year. The appraisal acts as a log record of instruction, research and other activities during the year and makes one aware of the parameters of appraisal. It also helps to prompt the teacher to set up short and long range goals for oneself, as well as the department. The institution organizes short term training programs, guest lectures, FDP's to strengthen the potential of staff which ultimately aids in strengthening the performance of every individual of the organization.

File Description	Documents
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/6/6.3.5-1.pdf">https://siddhartha.ac.in/img/aqar/6/6.3.5-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Allocation of funds is significant for financial management and planning which strategizes the growth of the institution. SIET has a mechanism for financial management for internal and external financial audits. The college has a robust finance committee in place which plans and manages all the financial needs of the institution periodically. The Institution conducts internal and external audits regularly.

**Internal Audit:** Internal audit is carried out by the finance committee. The finance committee reviews the Budget, statement of expenses are received by Finance committee quarterly every year. The finance committee reviews the records quarterly, investigates and checks all the instalments, receipts, diaries, vouchers of the exchanges, cash books, records and all ledgers in each monetary year.

**External Audit:** An external qualified CA is appointed by the GP Educational Society for auditing of college accounts every year. A thorough verification and investigation of all the transactions are carried out in each financial year. The external statutory auditor shall visit the institute office once in a year for vouching audit and submitting for final auditing report. The auditors prepare and submit the income and expenditure statement and Balance Sheet and Depreciation statement.

File Description	Documents
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/6/6.4.1.pdf">https://siddhartha.ac.in/img/aqar/6/6.4.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)****6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

0

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

**6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources**

**Mobilization of funds:** Mobilization of funds is a significant aspect in financial management of institution. Major income is obtained from tuition fees of students, which is not sufficient to meet all expenses of the institution. Hence, SIET strategizes following fund mobilisation methods: Tuition fee is collected as per the guidelines of state fee regularity authority. Funds are mobilized by renting the college cricket ground for conducting cricket leagues and matches. Food waste in the mess is sold to local pigsty and fund is being mobilized. Funds are generated by conducting various government recruitment exams in the college

**Optimal utilization of financial resources:** Professional development activities. Research/ publication/ staff welfare schemes. Rain water harvesting, segregation of waste. Training programs/ Academic activities/ fests

In addition to these optimal utilisations of the allocated funds is implemented for the infrastructure, maintenance and other miscellaneous as mentioned below. Laboratory maintenance Purchase of licensed software Internet charges Laboratory Equipment & Laboratory Consumables Furniture & Fixtures Repair

Adequate funds are allocated for workshops, conferences, short term training programs, FDPs, Orientation programs etc. to enhance and ensure the quality initiative activities in the institution. Adequate funds are proposed and allocated for enhancement of the

**library facilities**

File Description	Documents
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/6/6.4.3-1.pdf">https://siddhartha.ac.in/img/aqar/6/6.4.3-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.5 - Internal Quality Assurance System**

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The Internal Quality Assurance Cell was started in the year 2014 to monitor the quality of teaching learning process provided by the institution in coordination with the stakeholders. An IQAC committee is formed and approved by the governing body to take care of Quality assurance strategies and processes. IQAC has contributed significantly to continually improve the infrastructure, enhance the faculty skills, and empower the students with advanced technologies to make them employable and encourage entrepreneurship. The Institute's existing policies on academic and administrative systems are in respect of the process of teaching-learning and evaluation system, academic performance, faculty recruitment and training/qualification enhancement, are initiatives of IQAC.

Faculty Development Programme (FDP): It is one of the major initiatives of IQAC for improving the quality of the faculty in various aspects. Quality initiatives with regard to FDPs are conducted in order to strengthen faculty in (1) Teaching Learning Process (2) Research and Development (3) Outcome based education (4) Faculty Personality Development.

File Description	Documents
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/6/6.5.1-1.pdf">https://siddhartha.ac.in/img/aqar/6/6.5.1-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The institution reviews its teaching-learning process, structures & methodologies of operations through Academic Departments. The IQAC is responsible for developing, coordinating and monitoring academic assessment activities to effect improvement in student learning.

IQAC Plan, monitor and control the academic functioning of all the Departments.

Introduce innovation in Teaching, Learning and Evaluation practices.

Advised for industry-oriented projects and internships, suggested other technical training activities related to enhancing the employability skills

A constant review mechanism is done by IQAC in the college which guarantees the smooth functioning of the quality teaching-learning process.

Methodologies -

A teaching-learning plan and a course schedule along with the academic calendar will be given to the faculty member well before the commencement of the semester

The class coordinator periodically reports to the HOD about the syllabus coverage and the number of classes taken by the faculty.

Guest lecturers will be conducted for the subject who is difficult to understand.

The individual course schedules, plans, and related information/materials are issued to the students at the commencement of the semester.

IQAC also ensures the Counselling given to slow learners and Parents meet of such students is done with their respective Mentor.

File Description	Documents
Paste link for additional information	<a href="https://siddhartha.ac.in/img/aqar/6/6.5.2.pdf">https://siddhartha.ac.in/img/aqar/6/6.5.2.pdf</a>
Upload any additional information	<a href="#">View File</a>



<b>6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)</b>	<b>A. All of the above</b>
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File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.siddhartha.ac.in/img/about/TSCOGN111048.pdf">https://www.siddhartha.ac.in/img/about/TSCOGN111048.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

#### 7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Measures initiated by SIET for providing a safe space with gender sensitivity and empowering education for students is worth mentioning. SIET has set gender equity as one of its goal. The following gender equity promotion programs organized by SIET in the last year

- 1. Gender Sensitization Lab:**The aim of this course is to increase awareness about contemporary and historical experiences of women and the trials faced by them pertaining to their gender, class and creed.
- 2. Self defense and Karate Program:** Self-defense is an art of overcoming one's fears and turning them to strengthen themselves to enable one to be confident about one's physical and mental ability to defend themselves in dire consequences.
- 3.SHE TEAM:** A "SHE TEAM" has been introduced by Telangana State

government that educates the girls about issues like cyber-crime, eve teasing, sexual harassment, etc. SHE TEAM Ibrahimpatnam help-line no.: 7901099260.

4.Yoga: SIET celebrates "The International Day of Yoga" to promote awareness among the girl students of the many benefits for building stable and focused mind, by practicing yoga.

Other programs like sports,international womens day & all the required facilities like girls/boys common rooms, separate on campus hostels, Day care centre, Counselling centre are provided

File Description	Documents
Annual gender sensitization action plan	<a href="https://siddhartha.ac.in/img/aqar/7/7.1.1-1.pdf">https://siddhartha.ac.in/img/aqar/7/7.1.1-1.pdf</a>
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://siddhartha.ac.in/img/aqar/7/7.1.1-2.pdf">https://siddhartha.ac.in/img/aqar/7/7.1.1-2.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

**Solid waste management:-** In order to maintain a clean environment in the SIET campus, garbage bins are provided throughout the Institute premises at every nook and corner. Metal scrap, wood waste and other material collected from the engineering workshop are disposed periodically by selling it to outside agencies.

**Liquid waste management:-** To minimize the wastage of water in the campus, water drip pipe system/sprinklers are adopted wherever necessary.

**E-waste management:-** The Institute has signed an MOU with a private agency, M/s Urban Robex Private Limited for the proper disposal of the e-waste. The e-waste generated from electronic and computer labs is collected and sent to the store room, from there it is picked-up by the agency.

**Biomedical waste management:-** Biomedical waste from the First-Aid clinic and the sanitary waste from the wash rooms are disposed-off by the sanitary napkin incinerator in an environmental friendly by burning and converting it into ash.

**Waste Recycling System:-** Recyclable waste like paper waste, old news papers, used record books, etc., are disposed through an outside agency, M/S Urban Rebox Private Limited, Hyderabad.

**Hazardous chemicals and radioactive waste management:-** Hazardous chemical spills in the chemistry lab and the environmental engineering lab are disposed by chemical spill kit.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

<p><b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b></p> <ol style="list-style-type: none"> <li><b>1.Restricted entry of automobiles</b></li> <li><b>2.Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3.Pedestrian-friendly pathways</b></li> <li><b>4.Ban on use of plastic</b></li> <li><b>5.Landscaping</b></li> </ol>	<p><b>A. Any 4 or All of the above</b></p>										
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<p><b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b></p>											
<p><b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b></p>	<p><b>A. Any 4 or all of the above</b></p>										
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<p><b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and</b></p>	<p><b>A. Any 4 or all of the above</b></p>										

**facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The Institute strive towards academic excellence as well as promoting societal, cultural, linguistic, regional consciousness and other diversities among the students through various activities as mentioned below:

**Cultural Diversity:** Students are encouraged to participate in cultural clubs and competitions like singing, dancing, drama & film, videography, editing, art, music, fashion contest, rangoli, poster making in order to acquaint them to diverse cultures.

**Regional Diversity initiatives:** SIET facilitates celebration of regional cultural festivals in order to emphasize the importance of understanding and respecting different cultures. SIET is providing cuisines from Southern and Northern regions in its canteen.

**Linguistic Diversity Initiatives:** SIET has initiated diverse linguistic programs such as

1. Spoken English classes for the students with poor language skills.
2. Interaction program by various clubs, for the students who speak vernacular languages

Students from low socio-economic spectrum and divyang are given hostel fee concession in every academic year. SIET strongly believes in the service and liberation of all people; irrespective of religion, caste, gender, language and beliefs. Concerns are factored in the welfare activities for divyang students like providing barrier free facilities and assigning staff for assistance and providing scribes during examination as per university norms.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

SIET takes pride in the fact that, apart from laying a sound academic foundation for the student community; the college is constantly working with an aim to mould them as responsible and dutiful citizens of the country. As a part of our regular curriculum, SIET also conducts classes on "Constitution of India" and mock parliament sessions around issues of national relevance like corruption and National Education Policy to create awareness about social, political and economic perspectives of the Democratic India.

SIET is committed to educating the students as constitutionally aware citizens, sensitized to their Fundamental Rights and Duties. SIET has an active National Service Scheme (NSS) unit and UBA, SIET also has Women's Study Centre and clubs such as Say No to Drugs club, Fitness Club, Eco Club etc. National Unity Day is observed with a pledge to celebrate our glorious history of national integration. In accordance with Swachh Bharat Abhiyan, SIET organises cleanliness drives like Swachh Siddhartha. Academic discussions at SIET regularly highlight the salience of national unity and social harmony. The College also conducts several Government endorsed programmes like the Swach Bharat Abhiyan campaign, Atma-Nirbhar Abhiyan, Azaadi 70 years of celebration, Mock Parliament day, Constitution day, and World Environment day, etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://siddhartha.ac.in/img/aqar/7/7.1.9-1.pdf">https://siddhartha.ac.in/img/aqar/7/7.1.9-1.pdf</a>
Any other relevant information	<a href="https://siddhartha.ac.in/img/aqar/7/7.1.9-2.pdf">https://siddhartha.ac.in/img/aqar/7/7.1.9-2.pdf</a>

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized**

A. All of the above

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

SIET observes several nationally and internationally significant occasions to educate our students about the history, traditions and practices of our nation in an engaging and participatory ways.

SIET celebrates the Independence Day on 15th Aug ,Republic Day is celebrated on 26th Jan', Telangana State Formation day on 4th June to commemorate the sacrifices and challenges faced by the region.

Sardar Vallabhai Patel's birthday on 31st October is commemorated as National Unity Day, Swami Vivekananda birthday on 12th January is

observed as National Youth Day. SIET celebrates International Women's Day on 8th March, National Voter's Day On 25th January, NSS Day on 24th Sep' and World Environment Day on 5th June. Also organizes anniversaries of great Indian personalities like National science day on 28th Feb, to commemorate India's great physicist Sir C. V. Raman, Teacher's Day is celebrated on 5th Sep' to commemorate the birth anniversary of Dr. Sarvapalli Radha Krishnan and 15th September celebrates Engineer's day to commemorate the birth anniversary of Sir M. Visvesvaraya. Dr. B. R. Ambedkar birthday is celebrated on 14th April. Gandhi Jayanthi on 2nd October, the birthday of Mahatma Gandhi, is celebrated by remembering his values of Peace and Nonviolence.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

### Practice-I

**Title:** Interpersonally Development skill through Department clubs under "SCHEME FOR PROMOTING INTERESTS, CREATIVITY AND ETHICS AMONG STUDENTS [SPICES])"

**Objective of the Practice:**

- To respond to the challenges emerging in the society in today's effective teaching as well as analytical understanding is required for the students.
- To make the teaching interesting and useful to the students as changes are inevitable, the teaching must be "Learning by Doing" and thereby inculcating the need of the research.
- To fix the problems that arise in the changing global perspectives for building the competencies in trending technologies helpful to the students.



- Students to come up with innovative working models through Participation in various competitions at the interests of the students

**Evidence of Success:**

- TECHVARNAM-2023 Program conducted on Jan 11th 2023. Singing, dancing and miscellaneous programs are conducted to encourage the extra-curricular activities and skills.
- National science day is conducted under the department clubs, activities like Quiz competitions, Paper presentations, etc., are organized every year..
- Workshop on Entrepreneurship skills program is conducted in an online mode.

**Practice-II**

**Center of Excellence for Internet of Things**

**Objectives of the Practice:**

- To create innovative applications and domain capability for the country's need such as Smart City, Smart Health, Smart Manufacturing, Smart Agriculture, etc. To build Industry capable talent, start-ups and entrepreneurial ecosystem through Internet of Things [IoT].

**Evidence of Success:**

- Project Title "IoT Device for Aquaculture" has been awarded a grant of Rs.3,10,000. This grant will support the project's implementation, which is scheduled to take place for 2 years..

File Description	Documents
Best practices in the Institutional website	<a href="https://siddhartha.ac.in/img/aqar/7/7.2.1-2.pdf">https://siddhartha.ac.in/img/aqar/7/7.2.1-2.pdf</a>
Any other relevant information	<a href="https://siddhartha.ac.in/img/aqar/7/7.2.1-1.pdf">https://siddhartha.ac.in/img/aqar/7/7.2.1-1.pdf</a>

**7.3 - Institutional Distinctiveness**

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

**Vision of Institution:**

To be a pioneer Institute and leader in engineering education whose primary concern would be the development of the human race and betterment of society to their knowledge, technological understanding and the spirit of progress.

SIET has established a faculty development cell viz., "Centre for Engineering Technological Education Development" (CETED) to impart innovation in teaching methodology & learning. The cell is formed with the senior faculty from different departments under chairmanship of the Principal. Their details are as follows:

1. Dr.K.Eshwar Prasad Principal
2. Dr.Rajnish Kumar Sharma Professor,EEE department.
3. Prof. S. L. Narsimha Reddy HOD (Mechanical)
4. Dr. P. Subbarao Vice Principal
5. Dr. R. Kavitha Professor, CSE department.

The CETED has initiated various capacity building & teaching methodologies. Improvement program focuses on organizing faculty development programs on various topics to support the vision of the Institution, pedagogical approaches among the faculty and to refresh the classroom teaching techniques. Different categories of faculty development programs and workshops are organized in this Institution as detailed below:

- a) Faculty Development Program before Semester Starting:
- b) Faculty Development Programs conducted in the middle of the semester
- c) Special Faculty Development Program on Awareness of National Educational Policy (NEP-2020)

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

#### Faculty Development Program before Semester Starting:

In the beginning of the semester, subject oriented FDPs will be conducted for the faculty along with mentoring of the student and ethical practices in the following areas:

- Bloom's Taxonomy concept to sensitize faculty on the course objectives.
- Technology-Enhanced Learning in the classroom teaching by using ICT tools.
- Outcome-Based Education on (PSOs), (POs), (COs).

Faculty Development Programs will be conducted in the middle of the semester:

The IQAC also initiates various FDPs through CETED to improve the teaching skills, teaching and learning process, research methodologies for the faculty and Innovative Teaching Pedagogy

#### Faculty Development Program on "Experimental Learning for students":

- The Institute conducted FDP on "experimental learning for students" Faculty are involved in student's internships through MOUs with reputed Industries.
- Industrial visits & Field visits are organized by the faculty to expose to the current technologies participate in competitions & Hackathons to showcase their creativity.
- Faculty are trained on latest trends and innovative technologies by through workshops, seminars and guest lecturers from Industries.

Thus, CETED in SIET will be supporting the process of improving teaching methodologies with various activities to meet the vision of the Institution.