



YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY
• Name of the Head of the institution	Dr. K. Chandrasekhar Reddy
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08577264888
• Alternate phone No.	08577264999
• Mobile No. (Principal)	9396932888
• Registered e-mail ID (Principal)	principal.f6@jntua.ac.in
• Address	Siddharth Nagar, Narayanavanam Road, Puttur, Tirupati District
• City/Town	PUTTUR
• State/UT	Andhra Pradesh
• Pin Code	517583
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	15/06/2016
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr. Bogala Madhu				
• Phone No.	08577264999				
• Mobile No:	9441577423				
• IQAC e-mail ID	sietkiqac@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	http://sietk.org/about_iqac.php				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://sietk.org/exam_cell_calenders.php				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.07	2015	14/09/2015	20/06/2022
Cycle 2	A+	3.26	2022	21/06/2022	20/06/2027
6.Date of Establishment of IQAC			02/09/2013		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				
9.No. of IQAC meetings held during the year	4				

<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	<p>Yes</p>
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	<p>No File Uploaded</p>
<p>10. Did IQAC receive funding from any funding agency to support its activities during the year?</p>	<p>No</p>
<ul style="list-style-type: none"> If yes, mention the amount 	
<p>11. Significant contributions made by IQAC during the current year (maximum five bullets)</p>	
<p>Motivated the staff members to improve their research aptitude and to apply for sponsored research projects.</p>	
<p>IQAC, during its timely meetings, encourages the staff members to get government grants through various agencies to organize seminars and workshops frequently.</p>	
<p>Encouraged the students to participate in on-campus and off-campus activities such as seminars, workshops, and various cultural and sports events and competitions.</p>	
<p>12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:</p>	
Empty space for plan of action and outcome	

Plan of Action	Achievements/Outcomes				
To prepare an academic calendar at the beginning of the academic year and execute it stringently.	Achieved				
To improve the infrastructure by constructing new blocks and improving facilities in the existing blocks.	Achieved				
To improve exposure and inculcate an entrepreneurial mindset in the students & faculty in Science & Technology.	Achieved				
To increase the number of ICT-enabled smart classrooms available to students in all the departments	Achieved				
To encourage faculty members to undertake and successfully implement minor and major projects through the active involvement of students.	Achieved				
13. Was the AQAR placed before the statutory body?	Yes				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <thead> <tr> <th>Name of the statutory body</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>Academic Council</td> <td>12/01/2024</td> </tr> </tbody> </table>		Name of the statutory body	Date of meeting(s)	Academic Council	12/01/2024
Name of the statutory body	Date of meeting(s)				
Academic Council	12/01/2024				
14. Was the institutional data submitted to AISHE ?	Yes				
<ul style="list-style-type: none"> Year 					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>2022-23</td> <td>06/03/2024</td> </tr> </tbody> </table>		Year	Date of Submission	2022-23	06/03/2024
Year	Date of Submission				
2022-23	06/03/2024				

15. Multidisciplinary / interdisciplinary

Siddharth Institute of Engineering & Technology offers multidisciplinary education for students interested in practicing around a focused concentration by combining or involving several academic disciplines. It aims to improve the overall development of human beings -intellectual, aesthetic, social, physical, emotional, and moral in an integrated manner. Our institute has the flexibility to frame curriculum and syllabus to meet the multidisciplinary/Interdisciplinary approach requirements. The institute offers credit-based courses and projects in the areas of environmental education and value-based education. The students who are desirous of pursuing their special interest areas other than the chosen discipline of Engineering may opt for additional courses in minor specialization groups offered by a department other than their parent department. The institute included minor programs in the regular curriculum for the students, and students can opt for the same at the beginning of the 4th semester. The institute also offers Interdisciplinary in core engineering courses that provide students with a strong foundation, evolving technology necessitates new methods and approaches to progress, prosperity, and the inculcation of problem-solving techniques. The institute included an honors program in the regular curriculum for the students. They can select the additional and advanced courses from their parent branch in which they are pursuing the degree and get an honors degree. A student shall register for the Honors program at the beginning of the 4th semester. Honors degree must be completed simultaneously with a major degree program.

16. Academic bank of credits (ABC):

The institute is taking initiatives to deposit the student-earned credits for all the programmes offered in the academic bank credit (ABC) to promote student-centricity in higher education across the country through learner-friendly practices and a more interdisciplinary approach to higher education. The institute has registered in the NAD portal for depositing students' academic records as per the government directions, through this mechanism, students will get benefited from pursuing higher studies that require a credible, authentic, and convenient mechanism for access, retrieval, and validation of such academic awards. Academic records maintained in paper form are susceptible to hazards such as spoilage and forgery. Students often face difficulties in obtaining copies of their certificates/mark sheets whenever they are lost or destroyed. Maintaining academic awards in a digital depository would enable educational institutions, students, and employers' online access/retrieval/verification of digitized academic awards and

eliminate fraudulent practices such as forging certificates and mark sheets.

17.Skill development:

The institute incorporated skill-based credit courses along with regular courses in the curriculum as per the guidelines given by AICTE and APSCHE. Students can also opt for skill courses from other domains apart from regular ones. The student shall be given the option to choose either the skill courses offered by the college or choose a certificate course offered by industries/Professional bodies/APSSDC or any other accredited bodies. Apart from these, the institute offers skill development programmes through APSSDC, Microsoft, Intel, and Virtusa companies, and they established various skill centers to enrich students' skills. Students shall undergo mandatory summer internships for a minimum of six weeks duration at the end of the second and third years of the Programme. There shall also be a mandatory full internship in the final semester of the Programme along with the project work. All these initiatives reflect an increase in placement percentage and packages.

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

The promotion of Indian languages is only possible if they are utilized regularly and for teaching and learning purposes. Our institute organizes the events and competitions like essay writing, and elocution competitions in the regional languages and prizes are distributed to top-performing students. The ability to communicate in Indian languages will be considered part of the qualification criteria for job openings. The institute offers "Essence of Indian Traditional Knowledge" and "Sanskrit for Technical Knowledge" courses to upgrade the knowledge of students about Indian traditions and culture. Based on the AICTE initiatives, few of our faculty have given consent to translate technical subjects into the regional languages and the proposals have been submitted to the AICTE for approval. The institute also offers a Massive Open Online Course (MOOC) as a mandatory course in our curriculum to train and skill students in a digital learning platform. Video lectures, books, animations, quizzes, simulation construction, and other activities are used to cover different courses. Technical query resolution forum and peer discussion forum.

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

For the implementation of OBE, the initial phase is to design the curriculum, particularly the types of courses, the number of

electives, and the curricular structure, with complete details of the course title and course contents as per the regulations. In the next phase, the Course Outcomes (COs) for every course are mapped with the Program Outcomes (POs) of the NBA and the Program Specific Outcomes (PSOs) of the program. Effective implementation of this Outcome-Based Education (OBE) ensures that our graduating engineers have all the 12 POs defined by the NBA and hence can compete on a global platform and have expected global attributes. Specific to every program, three Program Educational Objectives (PEOs) are measured through the stakeholder's feedback. The institute keenly observes the attainment of POs and PSOs for the respective programs related to the Vision and Mission of the departments.

20.Distance education/online education:

As online education has gained importance in these pandemic days, new trends have taken their way in education to inculcate advanced learning techniques. As a result, the knowledge and performance of the students will enhance. For a long time, it is being observed that the inculcation of technology through digital presentations has dominated because of the facility of the Internet which reshaped the current trend of education. E-learning is vast and unlimited, all the time and places where the learning path and pace are determined by the learner. During the pandemic period, the institute faculty successfully delivered lectures on the online platform, conducted online tests, and essentially delivered lab courses through various virtual lab platforms provided by the Ministry of Higher Education Government of India. The seminar and project work evaluations were also conducted in the virtual environment. The online platform is extensively used to conduct webinars and lectures during the lockdown. Ever since its autonomy, the institute has made sincere efforts to include self-learning by introducing MOOC courses as mandatory offered by NPTEL under the SWAYAM umbrella. One virtual lab is introduced in every regulation from 2018 onwards to promote self-learning and inquisitiveness in students. In the regulation effective from 2020, apart from the graduation program, the student can also get an honors degree in a specialized domain by crediting courses in NPTEL. In line with the developments in Learning Management Systems (LMS), the college intends to encourage students to do online courses in MOOCs, offered internationally. The main intention to introduce MOOCs is to obtain enough exposure through online tutorials, self-learning at one's own pace, attempting quizzes, discussing with professors from various universities, and finally obtaining a certificate of completion for the course from the MOOCs providers.

Extended Profile

1.Programme	
1.1 Number of programmes offered during the year:	19
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1 Total number of students during the year:	4885
File Description	Documents
Institutional data in Prescribed format	View File
2.2 Number of outgoing / final year students during the year:	941
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3 Number of students who appeared for the examinations conducted by the institution during the year:	4829
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1 Number of courses in all programmes during the year:	1112
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2 Number of full-time teachers during the year:	297

File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	297
4. Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	640
4.2 Total number of Classrooms and Seminar halls	101
4.3 Total number of computers on campus for academic purposes	1235
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	1942.47

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The comprehensive curricula of various programmes are developed by considering contemporary technologies and opportunities at different levels.

By imparting local, national, regional, and global developmental needs, curricula have been developed by the following considerations

1. Syllabus of various reputed Indian Institutes
2. Model curriculum prescribed by the AICTE and APSCHE
3. Suggestions by industry experts and alumni
4. Syllabi of various competitive exams like GATE, and IES

While developing the curriculum, stakeholders' feedback is also considered to meet the Programme Outcomes (POs), Programme-Specific Outcomes (PSOs), and Course Outcomes (COs) of the various Programmes offered by the Institution in line with the Vision and Mission of the Institution and the departments.

Process for Curriculum Development and Implementation:

1. Curriculum Design (Type of courses, number of electives, and the curricular structure) as per the regulations. 2. Mapping of Course Outcomes (COs) for every course with the Program Outcomes (POs) defined by NBA and the Program Specific Outcomes (PSOs). 3. OBE Implementation: Ensuring our graduating engineers have all the 12 POs defined by the NBA. 4. Initial version - HOD and senior faculty members prepare the proposed curriculum. 5. Board of Studies (BOS) meeting - Put forth for expert review (industry, academia, alumni, and senior faculty members). 6. Final Draft Preparation: The courses, electives, and value-added courses will be amalgamated with the existing syllabus. 7. Forwarding for the academic council's approval. 8. Publication on the institute website (sietk.org)

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.sietk.org/regulations.php

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

07

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1048

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

157

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

19

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The curriculum blends crosscutting issues like Professional Ethics, Gender, Human Values, Environment, and Sustainability in all its UG

and PG programs.

Since the institute got autonomy in 2016, it has thoughtfully and ardently integrated cross-cutting issues into its curriculum and promulgated them in all its academic activities and campus stays. The Courses such as Human Values and Professional Ethics, Essence of Indian Traditional Knowledge, Intellectual Property Rights, Cyber Security, Value Education, Industrial Safety, Business Ethics, and Corporate Governance, etc., will enable students to realize the cross-cutting issues from an academic perspective. The orientation program, the three-week Induction program in the first year, NSS, and other clubs and associations will provide a platform for students to discuss, debate, think, and work on real-world cross-cutting issues. Numerous activities conducted by the Women Empowerment Cell, Women Protection Cell, and Gender Champion Club will provide further mileage in realizing students' objective to be sensitive to cross-cutting issues. The institute's faculty members are committed to aligning themselves with the thought process of statutory bodies related to cross-cutting issues. In this context, 235 faculty members are UHV-I certified, and 64 completed UHV-II, conducted by AICTE, New Delhi.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

28

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

4241

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1742

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.sietk.org/naac.php
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.sietk.org/naac.php
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1783

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

593

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Categorization of Students into Advanced and slow learners was done by assessing their performance in Mid-I examinations. Students with less than 60% of the maximum marks in the Mid-1 examination were identified as Slow Learners, and the remaining students were considered Advanced Learners. These students with varying learning levels were recognized for each subject separately by the respective subject faculty for every semester.

Advanced learners: Advanced learners were offered enrichment activities, accelerated coursework, and programs designed to challenge and engage them further. They were:

- Submission of tutorials on problem-solving techniques and solutions to challenging assignments in advanced topics.
- Advanced courses via NPTEL and SWAYAM platforms.
- Participation in technical events like Hackathons, Paper Presentations, Project Expos, Seminars, and Internships.
- Representation as office bearers in the student chapters of

various professional societies to improve communication and leadership skills.

Slow learners: Slow learners were provided additional support to help them overcome academic challenges and catch up to their peers.

- Conduction of remedial classes by the faculty with a separate timetable.
- Conduction of Tutorial classes for improving problem-solving skills referring to semester-end exam question papers.
- Training in soft and communication skills.
- Deliverance of Motivational insights by accomplished alumni.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC AQAR%20 2022-23/C2/No_Additonal Information.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2022	4885	297

File Description	Documents
Upload any additional information	View File

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:

The institute adopts many student-centric methods, such as:

Experiential learning: makes learning an experience that moves beyond the classroom and strives to bring more involved learning. Students are motivated to carry out Internships (1701), Hands-on training (2248), Project Expos (940), and Field Trips/Industrial visits (1285) at reputed industries/government sectors.

Participative learning: Students are encouraged to participate in many events organized at national & international levels.

Seminars/Webinars (13) and Guest Lectures (9) are organized to bridge the gap between academics and industry. Events such as Workshops (2239), Group discussions (190), Paper presentations/Conferences (517), and Technical Quizzes (467) are conducted through Department Association (1415) and Professional Society activities (298). Students are also encouraged to upgrade their knowledge by doing NPTEL (834) courses, being part of the Industry-Academia Program (IAP), and being members of professional societies.

Problem-solving methodologies: Students are taught problem-solving skills to develop basic knowledge and valuable methods for problem-solving. Students are encouraged to build solutions and prototypes for certain real-time problems by participating in Code hacking (350), Mini Projects (386), and Main projects (312).

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://sietk.org/NAAC_AQAR%20_2022-23/C2/2.3.1%20FINAL%20PROOF.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Our institute is well-equipped with the following resources and tools to support the integration of Information and Communication Technology (ICT) tools in enhancing the teaching-learning process.

1. **Infrastructure:** To facilitate the use of ICT tools, the institute provides essential infrastructure such as recording theaters, computers in departments and libraries, with high-speed internet access.
2. **Faculty Training:** Faculty members are effectively trained to utilize ICT tools through training sessions and Faculty Development Programs (FDPs), ensuring they can leverage these tools proficiently in their teaching.
3. **Range of Tools:** A wide array of ICT tools are used by faculty and students, including Quizziz, Google Classroom, Google Sites, Google Forms, Microsoft Teams, simulation software like 4nec2, V Lab Simulator, STAAD PRO, and Zoom. This diverse set of tools caters to various teaching and learning needs.
4. **Classroom Infrastructure:** The institute has 86 classrooms and 6 seminar halls with LCD projectors for conducting lectures, seminars, and workshops to enhance teaching sessions.

5. **Digital Resources:** Access to digital libraries, online courses (MOOCs, NPTEL, Coursera, etc.), and online journals (IEEE, J-GATE, Taylor & Francis, IETE, etc.) are provided to students.
6. **Communication Skills Development:** The integration of ICT tools in Communication Skills Labs and English Labs assists students in acquiring proficiency in listening, speaking, reading, and writing skills, which are essential for holistic development.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://sietk.org/NAAC_AOAR%20_2022-23/C2/2.3.2.pdf
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

255

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The institution prepares the Academic Calendar at the beginning of the academic year after extraneous discussions with heads of various departments to take the future course of action. The academic committee, along with the Principal and Deans, collectively approve the Academic Calendar. The institution prepares the academic calendars for programs like B.Tech, M.Tech, MBA, and MCA. This is disseminated to all department heads, faculty, and students before the commencement of the academic year/classwork via a link on the institute's website and posted on all the departments' notice boards.

Learner-centric teaching and learning practices are implemented in the institute. Every faculty prepares Teaching / Lesson plan one week before the commencement of classwork for every semester as a

part of the Course file. The lesson plan structure is prepared to meet the needs of Outcome-Based Education prescribed by the National Board of Accreditation. Every faculty adheres to this plan, and a record of the actions taken in compliance is documented. Later, the Dean, IQAC, and heads of the departments assess the performance of the faculty for the future course of action.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

297

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

57

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1215

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

12

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

213

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The Examination branch has brought the following reforms by IT integration since UGC gave an Autonomous status in the year 2016.

- Two sets of question papers are prepared for each subject by External faculty and Question paper setting as per BLOOMS Taxonomy
- OMR based answer script was introduced for ensuring strict confidentiality by avoiding manual coding in the examination

and evaluation system, Encoding and decoding of answer scripts, Online registration and download of Hall tickets of the candidates are being implemented.

- The examination section has a Protected Server with firewall security, Authorized access to the controller of examinations through security key only, CCTV surveillance and Backup data storage and power.
- Results module automation of examination management system.
- Complete automation of examination processes - helped in monitoring of examination fee payment, examination schedule, seating arrangement, attendance monitoring, marks data entry, preparation of programme wise and course wise results.
- Inclusion of photograph, AADHAAR number, father and mother name, mode of study and medium of instruction in certificates as per the UGC directions. Several security features are embedded in the certificates to avoid tampering.
- Calculation of SGPA /CGPA and percentage of marks, backlog list, details of students who are successfully awarded the degree.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.sietk.org/exam_cell.php

2.6 - Student Performance and Learning Outcomes

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

Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students in the following ways:

Faculty are given guidelines on framing COs for every subject. For every course, 4 to 6 COs, as recommended by NBA, are drafted, addressing most of the applicable levels of Bloom's Taxonomy. These COs are modified and reframed in accordance with the curriculum changes and revised as needed from time to time. COs framed are finalized and approved by the Board of Studies (BOS) of the respective programmes.

Program specific outcomes (PSOs) are the accomplishments to be fulfilled by the students at a micro-level by the end of the program. The programme coordinators prepare the PSOs, usually two to

four in number, in consultation with course coordinators.

The following means are used to disseminate COs to teachers and students.

1. Displayed near HODs cabin, Corridors of each floor, and Labs.
2. Published on the college website, Lab Manuals, course information sheets, and syllabus copies.
3. The faculty of every subject addresses the students, creating awareness of POs, PSOs, and COs in the first class at the beginning of the semester.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://sietk.org/NAAC AQAR%20 2022-23/C2/2.6.1 List of COs.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Course outcomes for each course are stated in the syllabus using Blooms taxonomy. These COs are evaluated for attainments through Continuous internal evaluation (CIE) and semester-end examination (SEE). The distribution of weightage of marks is 40% for CIE and 60% for SEE.

NBA defines POs, and individual departments define PSOs according to their specialization. The course articulation matrix for every course is prepared and the program articulation matrix is prepared from the course articulation matrices of all the courses. Program Outcomes (POs) / Program specific outcomes (PSOs) attainment is determined from Direct attainment and Indirect attainment. PO and PSO attainment of direct attainment is considered for 80% and indirect attainment for 20%.

Direct attainment is calculated from the marks obtained in Continuous Internal evaluation, Assignments and Semester end examination. CIE includes MID-I and MID-II examinations with objective and descriptive questions.

Indirect Attainment is calculated by considering the responses obtained from Student exit survey, Alumni survey and Employer survey. A questionnaire was designed for this purpose and the average response of the outgoing students for each PO is computed.

Final PO attainment for a particular batch = 0.8 * Direct Attainment + 0.2 * Indirect attainment

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://sietk.org/NAAC_AQAR%20_2022-23/C2/2.6.2.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

819

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://sietk.org/NAAC_AQAR%20_2022-23/C2/Annual_Report_2022-23.pdf

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.sietk.org/about iqac.php>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The institute provides all the essential infrastructural facilities for a conducive environment to promote a competitive research ambiance among the faculty and research scholars.

The research facilities in the institution are frequently updated as follows.

- Wave Guru RF and Wireless SDR were procured in 2017 for radio communication systems.
- Digital Storage Oscilloscope purchased in 2022 for processing and analyzing wave signal.
- Two IGUS robots were purchased to demonstrate the integration method in manufacturing in 2019.
- Dspace KIT to provide rapid control prototyping and hardware obtained in 2019.
- Power quality analyzer to analyze electric power signals established in 2018.
- Advanced antenna trainer kit for measuring radiation characteristics established in 2022.
- Muffle furnace & Tilting furnace for preparation of composite materials in the casting process accomplished in 2017.
- ARC and Gas welding machines are acquired in 2022 to work on welding techniques.
- Internet bandwidth was upgraded to 1Gbps in 2021.
- Automobile five gas analyzer for analyzing pollution from automobile engines attained in 2017.
- In 2017, 156 Computer systems equipped with 3D modeling and simulation software, such as SOLIDWORKS, CATIA, and SIMULIA, were purchased for research and training purposes.
- The MATLAB software package was upgraded for 2022 to analyze signal processing and communications.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.sietk.org/naac/c3/R&D_Policy.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

5.41

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

7

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

3.5

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

02

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.sietk.org/pdfs/UNNAT%20BHARAT%20ABHIYAM.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

7

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

01

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.sietk.org/pdfs/UNNAT%20BHARAT%20ABHIYAM.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution has created following robust ecosystem for the stake holders:

Innovation Council (IIC) has been constituted for the promotion and monitoring of research, innovation, and development activities. The IIC organized 49 programs and achieved a 3-star rating by the MHRD in 2022-23.

The Ministry of S&T sanctioned Rs.4.37 crore to set up Technology Incubation center in the institute to inculcate the culture of innovation and to create the vibrant start-up ecosystem in the campus.

For Research & Development 73 International and 132 National online journals are made available in library. The faculty members of the institution have filled 28 patents in the academic year 2022-23.

Entrepreneurship Development Cell was established to guide and motivate the members to become entrepreneurs and take on startups. This created awareness on entrepreneurial skills among stakeholders and conducted 3 programs in 2022-23.

The institute is in collaboration with the APSSDC which established industry sponsored labs like Automobile two and four wheeler labs, Electrical home, Refrigeration and Air-conditioning labs, Electronics home and Office labs, Computer-based training labs, Advanced robotic control labs, and Dassault 3D Experience Center to provide skill-oriented training to students. In these laboratories, until now, 12,191 students have been trained.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/pdfs/IIC_RatingCertificate_2022-23.pdf

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

33

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software **A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

5

File Description	Documents
URL to the research page on HEI website	https://www.sietk.org/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

106

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

50

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC AQAR%20 2022-23/C3/3.4.4.merged%20final.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year**

22

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University**3.4.6.1 - h-index of Scopus during the year**

97

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)**

8.830

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

6.117

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institution encourages students to participate in extension activities through agencies such as NSS, Cells, BCDE, and UBA.

National Service Scheme (NSS):

The institution has an active NSS wing sanctioned by the affiliating university (JNTU, Anantapur), consisting of 100 volunteers. The NSS wing takes up social service activities in the nearby villages. This academic year, 30 regular events and one special camp were conducted.

Women Empowerment Cell: This creates awareness of women's issues and problems, as well as their rights and duties.

Board for Community Development through Education (BCDE):

The State Government has developed the BCDE body in Higher Education Institutions. Under BCDE, mass tree plantations were conducted with the Kalp Taruh organization.

Unnat Bharat Abhiyan (UBA):

This year, our institution was chosen as a participating institution for the Unnat Bharat Abhiyan program, under which five villages were adopted and various awareness programs conducted.

The student impact thereof during the year:

1. All these activities have positively impacted the student's ability to develop community relationships, leadership skills, responsibility, accountability, integrity, and human values.
1. Student volunteers become solution providers for environmental issues by demonstrating the knowledge needed for sustainable development.
1. It addresses specific needs and challenges for holistic village development.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/nss.php

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

18

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

4028

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

101

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

27

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

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 equipments, etc.

The institution has developed adequate and excellent physical facilities to support the teaching and learning process.

Physical Facilities:

Campus:

The institute has spread over a sprawling campus of 28.64 acres of land with a lush green eco-friendly environment and an excellent academic ambience, with a well-equipped built-up area of 81,168 sq. m.

- Instructional area: 24,844 sq. m.
- Administrative area: 5,559 sq. m.
- Amenities area: 34,531 sq. m.
- Access and Circulation Area: 16,234 sq. m.

Classrooms:

- The institute has 101 classrooms for the teaching-learning process.
- The institute has 86 classrooms, 6 seminar halls, 3 conference halls, and 2 board rooms that are ICT-enabled to support conventional and blended learning.
- The campus is fully Wi-Fi-enabled with a leased line connection of Limras Eronet Broadband Service Pvt. Ltd. (1 Gbps) and BSNL Broadband.

Laboratories:

The college provides the following lab facilities to students for experimental learning:

- 10 computer labs with the latest high-configuration and required software.
- 2 Language lab
- 4 Excellence Centres
- 31 Physical Labs

Computing Equipment:

- The college has 1235 systems with the latest high-configuration and required software.
- The campus is fully Wi-Fi-enabled, with a leased line connection to Limras Eronet Broadband Service Pvt. Ltd.(1 Gbps)and BSNL Broadband.
- The institute has a fully automated central library and digital library.
- The college has a computer center with the latest high-configuration systems, 30 routers, 105 switches with 16 and 24 ports, 5 color printers, and 16 monochrome color printers.

Which are all adequate and exceed as per AICTE-prescribed norms.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AOAR%20_2022-23/C4/4.1.1_Geo-Tagged_photos.pdf

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

The institution has developed adequate and excellent facilities for cultural activities, yoga, sports, and games.

Facilities for Cultural Activities:

- The college has a centralized, air-conditioned indoor auditorium with a 4700 sq. m. floor area and a seating capacity of 4000.
- The institute has an open auditorium with a seating capacity of 20,000.
- The institute organizes cultural events, techno-cultural

festivals, the College Fine Arts Festival, Sports Day, and Department Association activities.

Facilities for Yoga:

- The institute has a yoga center with an area of 301.28 sq. m.
- Our Institute offers Yoga classes to students and staff members in association with ART OF LIVING, Bangalore, to improve human excellence.

Facilities for Sports and Games:

The Institute has excellent indoor and outdoor athletic facilities.

- 3 Badminton Courts: 245.40 sq. m.
- 3 Volley Ball Courts: 486 sq. m.
- 2 Kabaddi: 260 sq. m.
- 2 basketball courts: 840 sq. m.
- 1 cricket ground: 12978 sq. m.
- A multi-purpose sports room equipped with chess, carrom boards, and other facilities

Gymnasium:

- The institute has a centralized gymnasium center with an area of 57.7 sq. m.
- The gym on our campus has modern equipment, including dumbbells, bench press machines, cycling machines, boxing punching bags, multi-functional treadmills, sit-up benches, elliptical cross-fit trainers, and weight-lifting equipment.

Auditorium:

- The college has a centralized air-conditioned auditorium with an area of 4700 sq m and a seating capacity of 4000 and an open auditorium with a seating capacity of 20,000.
- The auditorium has an acoustic Bosch Premium sound system with two LED screens of 12x8 ft., a 12K resolution Christie projector, a 40x20 ft. silver screen, and an attractive DJ lighting system.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/sports_sietk.php

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

92

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

303.25

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

An integrated library system is a computer-based system that manages all the library's internal and external resources. It contains a wider scope than the language library system due to the advanced technology and functions.

- Name of the ILMS software: NEW GEN LIB
- Nature of automation (fully or partially): Fully automated
- Version: 3.2
- Year of automation: 2016

Siddharth Institute of Engineering & Technology(SIETK) has a spacious Central Library with 1620 sq.m and can accommodate 350 users. It is automated with version 3.2 of the NEW GEN LIB. This integrated ILMS library management system supports the in-house acquisition, cataloging, circulation, serial control, Web OPAC, and distribution operations through a dedicated server. Our Library has JGATE, N-LIST (INFLIBNET), NDLI CLUB, and DELNET, KNIMBUS (JNTUA) subscriptions, and all students and faculty members can use database resources for professional and personal development. To meet the needs of staff and students, all engineering departments have separate department libraries for instant reference at the departments.

The Library has a good collection of 62,332 volumes of textbooks with 11,560 titles and 205 Journals, of which 132 are National Journals, and 73 are International Journals. There is online access to e-resources on Engineering disciplines, Management, Basic Sciences, Humanities, etc. The Institute provides a Book Bank facility with SC/ST students for their academic needs.

The central library is located on the second floor of B-Block and has the following amenities:

- Reading Room
- Digital Library with 30 Systems
- Project Discussion Room
- Binding Room with Reprographic Facility

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/library.php

4.2.2 - Institution has access to the following: e- journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

5.7

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

2612

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

IT Policy of the College

The IT Policy of the college covers relevant ethical aspects of internet use on the campus and instructs all stakeholders on how the network facilities of the college may be used in accordance with the existing laws and regulations of the nation. Users of network on the computer are required to refrain from any activities resulting in compromising the data security and integrity of the cyber

infrastructure of the institution.

LAN Facility

There are 13 data network switches (Giga Byte), 18 POE network switches (GB) for access points, 300 CCTV cameras. 1 Gbps of Internet connectivity is shared across the campus for the students, provided by LimrasEronet Broadband service Pvt. Ltd. and BSNL Broadband. Wired and Wi-Fi equipment of 25+ Hub racks, 100+network switches and 30+ routers.

Website - Secure Hosting

The college has procured a secure domain for itself. All the academic departments and independent cells under the college are provided with sub-domains. All the domains rely on secure communication protocols for information exchange.

Provision for Firewall

The college intranet is secured with dedicated firewall protection sourced from LIMRAS ERONET provider. Physical access to the server room is also limited. Only authorized personnel are granted entry into the server room.

Budget

As per our institution's IT policy, funds are allocated for updating the IT facility appropriately, and an additional budget is allocated whenever a systems purchase need arises.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AOAR%20_2022-23/C4/4.3.1_IT_Facility_photo.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5700	1235

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus **A. 750 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: **A. All four of the above**
Facilities available for e-content development
Media Centre
Audio-Visual Centre
Lecture Capturing System (LCS)
Mixing equipments and software for editing

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AQAR%20_2022-23/C4/4.3.4._Media_centre_photos.pdf
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

310.63

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic

and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The Institute's Physical, Academic, and support facilities are well-maintained. Under the direction of the Administrative Officer, the Maintenance Supervisor and his crew are responsible for the upkeep of the entire infrastructure. Classrooms: The Classrooms, Seminar halls, Department office and Staff rooms are cleaned and maintained hygienically. Fire extinguishers are also placed at prominent locations as a safety measure. Before the commencement of the academic year, the furniture and ICT facilities in all classrooms are verified, and appropriate repair works are carried out.

Laboratories: All the laboratories are well equipped and maintained to conduct laboratory courses. The equipment and infrastructure in the laboratories are based on the curriculum need and strength of the class. Lab incharges regularly update the stock register and maintenance register.

Library facility: The Library is led by a qualified Librarian and supporting staff. A proper log of visitors/users (students and employees) is maintained daily. As a maintenance activity, the library advisory committee will perform the audit of the books before the commencement of every academic year.

Sports facilities:

The Physical Director and the sports committee supervise and maintain the regular maintenance of the college's indoor and outdoor sports and games facilities.

Computers:

System Administrator and lab assistants under the supervision of the IT Manager maintain the college IT Infrastructure like Computers, LCD projectors and CCTV cameras and other IT accessories effectively. In addition, the IT Manager ensures the periodical validity of the software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AQAR%20_2022-23/C4/4.4.2_Register_details.pdf

STUDENT SUPPORT AND PROGRESSION**5.1 - Student Support****5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year**

3417

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

784

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://sietk.org/NAAC_AQAR%20_2022-23/C5/SAMPLE%20OFFER%20LETTERS%20FOR%202022-2023.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1752

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

759

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

48

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

48

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

3

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Student Council:

Our institute boasts a thriving Students' Affairs portfolio, which is overseen by a Senior Faculty member who serves as its dean. It

offers a range of extracurricular and co-curricular support services to help students advance. The Students' Council, a crucial component of the collegiate system, represents students' interests with the help of Students' Affairs. It gives students enough chances to interact systematically with instructors, other students, and administration when carrying out college-related tasks. It attempts to support students in developing their leadership, creativity, decision-making, and organizational abilities while they are in college. Their confidence to tackle future obstacles will be bolstered by the Life & Managerial Skills they have acquired.

The Motto of Students' Council: Awake, arise and stop not till the goal is reached.

This Council is democratically elected through the establishment of Class Representative voting rights. Elected members hold various positions and represent the interests of the entire student body. They will offer moral support, financial aid, and grievance resolution by representing the college's interests before the principal and management.

The following are the student councils present in the institution

- NSS
- Sport Committee
- Cultural Committee
- Women's Empowerment Cell
- IQAC,
- ISTE Student Chapter.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AQAR%20_2022-23/C5/5.3.2_ISTE.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

40

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Siddharth Institute of Engineering & Technology, Puttur, has Alumni Association registration under the Act.no. 35 of 2001, Society no. 369 of 2012, on 11th December 2012, under the name of "Siddharth Institute of Engineering & Technology Alumni Association," SEAA. The Alumni Association, supported by the Management, has conducted Alumni meets since 2011 in the name of "HOME COMING" or "ALUMNI DAY" at the college campus, where alumni from different branches are invited to share their views and suggestions. The alumni meet was held this year on 07th January 2023, with approximately 230 members.

The following are the activities carried out with the help of Alumni.

A separate website, <http://alumni.siddharthgroup.ac.in/>, has been maintained, with 4599 alumni enrolled in the association. This year, the financial contributions are also made by the alumni association with Rs 6,15,000/-. Non-financial contributions in the last years of the institution very much appreciated the commitment of Alumni to reach out to the current students by providing career guidance. However, this year, 14 Alumni events were conducted in college. Apart from the above, alumni contribute as members of BoS, IQAC, and other administrative committees as per the requirements from time to time.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://alumni.siddharthgroup.ac.in/

5.4.2 - Alumni's financial contribution during the year C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The Institute has well-formulated governancereflected in its vision and mission. The Institute's Governing Body (GB) was formed under the guidelines specified by the University Grants Commission (UGC) and Jawaharlal Nehru Technological University Anantapur (JNTUA). In the composition of GB, the Principal serves as the ex-officio member secretary along with UGC nominees, university nominees, educators, institute members, and management members. The Principal ensures that the GB makes all decisions on admission, the budget, and infrastructure. The GB meets twice yearly to review performance and execute the organization's overall growth. All meeting proceedings are documented, and action-taken reports are prepared and periodically updated to the GB. An efficient and participatory decision-making process has been used to accomplish the institution's objective and create an influential organizational culture.

The GB takes a democratic, decentralized, and transparent approach to governance and provides recommendations for further improvements while keeping the institute's vision and mission in view. It encourages all stakeholders to participate in the institute's administrative activities by forming several academic and administrative committees. The faculties are actively involved in designing new experimental sets up in laboratories and executing in-house & funded R&D projects. Faculty members are encouraged to be innovative and critical towards the administrative mechanism in the continuous development of the institute. Thus, the approach is to achieve the vision through the mission.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.sietk.org/governing_body.php

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The institution has a mechanism of providing operational autonomy to various functionaries to ensure a decentralized governance system.

Decentralisation

Principal Level

The principal is the member secretary of the Governing Body(GB) and the Chairman of the Internal Quality Assurance Cell (IQAC). In consultation with the Institute's Academic Council, the principal constitutes different committees for planning and implementing academic, Administrative, and Research activities.

Faculty Level

Faculty members are given representation in 30 (21-Committees, 7 Cells & 2 Clubs), the GB, and the IQAC, which are constituted by AICTE and UGC guidelines. Every academic year, all the committees are re-constituent to improve the outcome results.

Student Level

Students are empowered to play an essential role in different activities. The functioning of the different student committees reinforces the decentralization.

Participative management

The institution promotes a participative management culture at the strategic, functional, and operational levels.

Strategic Level

The Principal, The GB, the Academic Council, the Board of Studies, the Finance Committee, and IQAC are involved in defining policies & procedures and effectively improving strategies for institutional activities.

Functional Level

Principal and faculty members are involved in research activities such as conducting seminars, conferences, workshops, FDP, etc., and published papers in reputed journals.

Operational Level

The principal, Faculty, staff, and students interact with UGC, AICTE, JNTUA, other reputed universities and institutes, and external agencies to execute different academic, administrative, extension-related, co-curricular, and extra-curricular activities.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.sietk.org/organization_chart.php

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The Institute maintains clarity in achieving positive results and improving the institution's performance through a well-developed strategic plan (2021 - 2026). The following list of achievements is possible through the strategic plan for the academic year 2022-23:

A new program

- Computer Science and Engineering with Artificial Intelligence (CAI) was introduced.

R&D Infrastructure

- APSSDC - SIEMENS LAB
- IBM Centre

R&D Achievements

- No. of projects done - 2 worth Rs. 3.5 lakhs
- Publications - 106
- Books - 11
- Patents - 27
- Patent Grant - 01
- Conference papers published - 36
- Book Chapters - 05

Faculty Academic Growth

- Total no of FDPs, Workshops, and Training Programs conducted - 32

Sports & Games Infrastructure

- Volley Ball, Basket Ball & Tennis Courts
 - Cricket Ground
 - Gymnasium

Laurels in Sports & Games

- achieved laurels in 1 Volleyball, 2 Handball, and 1 Hockey tournament at JNTUA South Zonal Level.

Training & Placement and its Achievements

- Q Spider, Bangalore, conducted various placement training programs on the campus.
- Around 638 UG students and 91 PG students were placed.

Welfare measures for faculty and staff

- 97 faculties received financial assistance with ODs for conferences and workshops, and to enroll as members of professional bodies, 4 women faculty opted for maternity leave.

Quality Enhancement

- All eligible programs have NBA accreditation and NAAC A+ grade.
- Achieved 3-star ranking for Institution's Innovation Council awarded by AICTE MOE's Innovation Cell, Govt. of India.

Curriculum Development

The constituted Board of Studies validates, revises, reviews, and reforms the curriculum regularly. The IQAC assesses the Strategic Plan and Policies' execution and takes corrective actions to meet long-term objectives.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.sietk.org/pdfs/IIC_RatingCertificate_2022-23.pdf
Upload any additional information	View File

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

The institute has well-structured institutional bodies that clearly show the responsibilities of Teaching and Non-Teaching staff for various tasks and the levels of supervision. The Statutory Bodies and Non-Statutory Bodies are formed by the guidelines laid by the UGC, AICTE, and JNTUA and adhere to them with utmost sincerity.

The Statutory Bodies:

- The Governing Body (GB)
- Academic Council (AC)
- Boards of Studies (BoS)
- Finance Committee (FC)

The functions of Statutory Bodies:

The Statutory Body is a decision making body through which policies are made, introducing new programs, decide financial matters and approve the same. It continuously monitors the strategic plan and gives suitable directions for the administration to execute the plans.

The Non-Statutory Bodies

Grievances Redressal Cell, Women Empowerment Cell, Anti-Ragging Committee, Robotics Club, etc.

The functions of Non-Statutory Bodies:

- Planning and Evaluation, Student Welfare, Co-Curricular and Extra-Curricular Activities, and Industry Institute Interaction

- Assisting students and parents in complaining and solving their problems relevant to academics, resources, and personal grievances.
- Identifying the vacancies, advertising the same, Short-listing the applications, and regulating the service conditions of all Teaching and Non-teaching staff, either regular or ad-hoc.

Thus, the functioning of the institutional bodies is more effective and efficient.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.sietk.org/organization_chart.php
Upload any additional information	View File
Paste link for additional Information	https://www.sietk.org/downloads/INSTITUTIONAL%20POLICY.pdf

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) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution has effective welfare measures for teaching and non-teaching staff. The welfare measures are reflected in the Institute policy document, incorporated in service rules, and approved by the Governing Body (GB). The policy document is displayed in all the prominent places of the institute and is available on the college website. The beneficial welfare initiatives improve employees'

spirit and encourage them to work effectively. The welfare measures are implemented in 2022 - 2023 are listed below:

Teaching Staff

- 50% Transportation concession for College Bus co-ordinators. The total number of beneficiaries is 24.
- Seed money is provided for Research Projects.
- 12 Days of On Duty leave (6 Days per Semester) for professional development
- 3 Years of Study leave for higher education
- 3 Days of Marriage Leave. The total number of beneficiaries is 1.
- 180 Days of Maternity Leave. The total number of beneficiaries is 4.
- Medical Leave
- Registration Fees, TA, and On Duty leave are provided for participating in International and National Conferences. The total number of beneficiaries is 58.
- Registration Fee, TA, and On Duty leave are provided for attending workshops. The total number of beneficiaries is 38.
- A membership fee is provided to enroll in various professional bodies like IEEE, SAE, etc. The total number of beneficiaries is 1.

Non-Teaching Staff

The Institution shall contribute 12% of the pay subject per Non-Teaching staff towards the Employer's contribution to the EPF Scheme.

- 12 Days of On Duty (6 Days per Semester)
- 3 Days of Marriage Leave
- 180 Days of Maternity Leave
- Medical Leave
- Encourage higher education.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/downloads/INSTITUTIONAL%20POLICY.pdf

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops

and towards payment of membership fee of professional bodies during the year

97

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

32

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

247

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization**6.4.1 - Institution conducts internal and external financial audits regularly**

To ensure financial compliance, the Institution has established a procedure for annual internal and external audits of financial

transactions.

Internal Financial Audit

To evaluate the internal finance audit, the internal audit committee is formed. The committee is headed by the principal, and other members like a senior faculty and the office accountant. The validity of the audit committee is three years, and it is primarily responsible for overseeing the planning, execution, and handling of audit objections. The committee verifies the institute's financial account documents every six months and submitted to the finance committee (FC)

External Financial Audit

As per government regulations, a chartered accountant, P.Murali & co., regularly audits the institute's financial documents. After the audit, the report is submitted to management for review, and the auditor ensures that all payments have been appropriately authorized. Any queries arising during the audit process will be resolved immediately by verifying necessary supporting documents within the stipulated time.

The Institution did not encounter any audit objections in the years preceding. These procedures show that financial concerns are preserved transparent and adherence to financial discipline to prevent the Institution's assets or finances from being misappropriated at any level. The management representatives and the chartered accountant duly sign the audited statement every financial year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/finance_committee.php

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0.23

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The institute is known for its integrity, and it maintains a transparent and accountable financial management system. A financial committee is introduced to regulate the financial process, prepare a budget, mobilize resources, monitor expenditures, maintain accounts, conduct internal verification, and conduct external audits. The College can implement various quality enhancement activities with its ability to mobilize resources from different sources for new programs, research, extension, infrastructure, student welfare, and staff career advancements. The institution has formulated strict guidelines for financial management, and it regularly monitors the institution's adherence to them.

Mobilization of Funds

The Institutemobilizes funds as per the policy and procedure enacted by the Management. The process is monitored by the finance committee under the chairmanship of the principal. The College receives funds from the following sources.

- Management Grants from the Trust
- Tuition fees are collected from the students.
- Self-financed streams
- State Government Payment under Vidya Deewana
- Transport fees
- Hostel fees
- Interest on fixed deposits
- Sponsored projects from Industry sponsors

Utilization of Resources

The institute effectively utilizes the funds in the following ways.

- Disbursal of staff salary
- Infrastructure augmentation includes the construction and renovation of classrooms, waste management units, plantation

of trees, and laying of paver blocks and roads.

- Hostel maintenance
- Library resources
- ERP and ICT improvement
- Software and equipment purchase
- Organizing Seminars/Endowments lectures, conferences, workshops, training programmes.
- Career development programmes, faculty empowerment programmes to staff.
- Seed money grants for promoting research.
- Welfare measures for teaching and non-teaching staff.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://sietk.org/NAAC_AOAR%20_2022-23/C6/6.4.3_1.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The Internal Quality Assurance Cell (IQAC) was established as per NAAC guidelines to maintain and enhance the quality of education. IQAC fosters several activities to make everyone aware of the quality assurance strategies and processes. Two IQAC initiatives that have contributed significantly to quality improvements are brief.

1. Student Mentoring System

The main objective of introducing 'The Student Mentoring System' is to guide the students towards academic, career advancement, co-curricular and extra-curricular performances and motivate them to utilize all the available resources in the institution for their holistic development.

- Monitor the students' performance, identify strengths and weaknesses, behavior and attitude, and offer amiable support and specific suggestions to develop the students in all aspects.

- Faculty members acting as mentors are trained under the AICTE FDP on Universal Human Values.
- During the one-to-one interaction, specifics on attendance and performance are discussed and recorded in "The Student Record" book. The attendance report is sent to the parent the first week of every month.

2. IIT Mentorship

There is a lot of emphasis on the teaching and learning process, and the Institute has an MOU with IIT Tirupati, so the faculty may get mentoring.

- To encourage faculty participation in academic and research-focused activities organized by the IIT, Tirupati.
- To conduct interactive initiatives, such as workshops and seminars, including the professors of IIT Tirupati and Siddharth Institute of Engineering & Technology.
- Teaching and research focus on specific subject areas with a shared interest.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/about_iqac.php

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The process of continuous teaching and learning promotes the creation of new abilities and proficiencies necessary for success, which, in turn, requires student learning. As a result, IQAC of SIETK constantly reviews teaching.

Feedback on COs, POs, and PSOs: Learning Outcomes

The academic calendar for the entire year, which contains several assembly dates, festival days, cultural event dates, etc., is prepared at the beginning of the program. In preparing their lesson plans, professors examine how Bloom's taxonomy relates to their particular subject. The method of delivering the course is intended to produce the COs and PSOs, and ultimately the POs.

Remedial Measures through mentoring

Conducting remedial classes for slow learners is one of the remedial actions. Based on their academic progress and communication abilities, students are identified and grouped as slow, moderate, and quick learners as soon as the first semester. Different learning levels require different types of personalized inputs. IQAC assures that the mentoring and counselling system is functional to take a comprehensive look at student performance. Students should have strong communication skills to compete in the corporate sector. As a result, IQAC places a high emphasis on assisting students in improving their communication abilities. IQAC schedules meeting with them at regular intervals to assist mentors in promoting students. It is made of regular meetings with mentors and the chairman of the IQAC, in addition to evaluating mentoring reports at such sessions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/about_igac.php

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution

A. Any 4 or all of the above

Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	https://sietk.org/about_igac.php
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

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

Siddharth Institute of Engineering & Technology, Puttur, takes pride in announcing that it employs 38.7% of women employees in teaching and non-teaching faculty members working in the institution. It is a safe place for the girl students to receive education while upholding values. It has 31.5% of girl students on the campus. The Institute encourages women employees to progress on par with men. Girl students are encouraged to participate in all the events and also as members of various technical clubs. Toppers from all the departments are encouraged to share their experiences on numerous occasions, such as Fresher's Day, Annual Day. Equal opportunity is given to the girl student toppers and the boy student toppers to speak at the events. An internal complaints cell exists in the institution to provide education for girl students on self-protection. The Institute has a Gender Champion Cell, in which students from both genders are selected to keep watch on gender sensitivity issues in the institution and report to the Internal Complaints Cell. Every year, toppers from girls and boys are awarded the best student of the department, and one outstanding student is cited as the best outgoing student and is gifted with the laptop.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://sietk.org/NAAC_AOAR%20_2022-23/C7/7.1.1%20Safety%20and%20Security.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Wheeling to the Grid conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

Biogas plant

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The institute has the following degradable and non-degradable waste

management systems:**Solid waste management:**

Solid waste like paper and plastic is segregated as degradable and non-degradable and handed over to the concerned authorities under MoUs. The block housekeeping workers on each floor collect, clean, and keep in the dustbins provided on each floor. The floor dustbins are emptied into the tractors, which are carried by Nagari Municipality to the dumping yard. Food waste produced by the canteen is separately collected as dry waste, and wet waste (green and blue dustbins) is later collected by the municipality.

Liquid waste management:

Siddharth Institution has a well-constructed drainage system connected to a closed septic tank, and the tank is cleaned periodically. In the chemistry laboratory, organic solvents are collected in a separate, chemically compatible container, securely fitted with a tight-fitting lid, and labeled as hazardous waste for its subsequent safe disposal.

Biomedical waste management:

Bio-medical waste is rather low in the institution. The biomedical waste produced due to medical activities in the dispensary is collected in a separate dustbin for safe disposal.

E-Waste Management:

E-waste generated by electronic equipment such as CROs, function generators, RPS, motherboards, hard disks, cartridges, printers, etc, are safely disposed of periodically through a certified vendor.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore **A. Any 4 or all of the above**

well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

Siddharth Institute of Engineering and Technology strongly believes in unity in diversity, symbolizing uniformity in India. The students, teaching faculty members and administrative members are from different religions, languages and socioeconomic cultures. It vividly trusts that the college is the second home of all the students.

To represent our Indian culture, the Institution celebrates the national festivals viz., Independence Day and Republic Day and other cultural festivals along with a "Traditional Day". Through these, students get acquainted with the different cultures of our nation and help develop tolerance and harmony towards cultural, regional, linguistic, communal, social, economic and other diversities. This also creates an inclusive environment in the college and society. Different sports and cultural activities are organized on different occasions in the college to promote harmony and friendly relation towards one another. This establishes positive interaction among the people. The Institution is giving importance to maintain harmonious relations not only among the members of it but also with the other stakeholders of the nearby vicinity. It is the home for students from different regions and languages.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

Siddharth Institute of Engineering and Technology sensitizes the development of professional ethics and human values among the students, teaching staff, and non-teaching employees. To inculcate these values, the institute organizes the following programs for students and employees:

- Blood donation camps
- Anti-Ragging Awareness Program
- Indian Constitution Day
- World Environment Day

Professional ethics and human values play a very prominent role in the work life of teachers, students, and the institution. In our curriculum, we have included the subjects "Human Values and Professional Ethics, Constitution of India" for B.Tech. and MBA students. All our faculty members attended a five-day workshop on "universal human values" organized by AICTE, New Delhi. Our institute has initiated efforts towards educating students about the Constitutional obligations.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

The following information shows National and International commemorative days, events, and Festivals are celebrated in the institution

Siddharth Institute of Engineering and Technology facilitates various National and International co memorable day celebrated by our institution : International women's day, awareness program on anti-ragging, cyber-crime, traffic rowel, DISHA App, women's safety and voters day, traditional day, constitution day, engineers day is being conducted on our campus. SIETK faculty and students celebrate the Independence day and Republic day as respect to freedom fighters. Every year, as the part of this day, the flag hoisting

ceremony is being perceived in our campus. The faculty and students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. The lists of commemorative days are shown in following table. The List of events and commemorative days are shown in the following table:

National Commemorative Days

1. Teachers Day
2. Engineers Day
3. Independence Day
4. Women's Day
5. Republic Day

International Commemorative Days

1. World Environment Day
2. Yoga Day
3. World Earth Day
4. Traditional Day
5. Sports Day

The Institution also commemorates the birth/death anniversaries of great indian personalities, the students share the teachings of these eminent personalities through speeches and posters. On teachers day to, the student council puts up a show to express their love and gratitude for their teachers and salute the great teacher Dr.Sarvepalli Radhakrishnan

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practices

https://sietk.org/NAAC_AQAR%20_2022-23/C7/7.2.%20Best%20Practices-2023%20new.pdf

File Description	Documents
Best practices in the Institutional website	https://sietk.org/NAAC_AQAR%20_2022-23/C7/7.2.%20Best%20Practices.pdf
Any other relevant information	https://sietk.org/NAAC_AQAR%20_2022-23/C7/7.2.1%20Additional%20Information.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The main objective of the IIT Tirupati mentorship program is to Improve the Teaching Quality of Siddharth faculty members by Attending the IIT Class Room Lectures. IIT Tirupati faculty members possess in-depth knowledge and expertise in various engineering and technology fields. They can guide our faculty members on academic matters, research, and personal development. This tailored support can be invaluable for correctly guiding our institution's students and helping them make informed decisions about their future. Faculty members have been informed to attend the classroom lectures on each topic delivered by the faculty members of IIT Tirupati on their campus, with due consent of the IIT Tirupati. The primary objective of this process is to develop the confidence of the faculty of Siddharth Institutions to deliver improved Quality classroom education and learning to the UG students. Mentors from IIT Tirupati help students develop essential skills like problem-solving, critical thinking, communication, and teamwork. It can also provide insights into industry trends and expectations, preparing you for a successful career transition after graduation.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The comprehensive curricula of various programmes are developed by considering contemporary technologies and opportunities at different levels.

By imparting local, national, regional, and global developmental needs, curricula have been developed by the following considerations

1. Syllabus of various reputed Indian Institutes
2. Model curriculum prescribed by the AICTE and APSCHE
3. Suggestions by industry experts and alumni
4. Syllabi of various competitive exams like GATE, and IES

While developing the curriculum, stakeholders' feedback is also considered to meet the Programme Outcomes (POs), Programme-Specific Outcomes (PSOs), and Course Outcomes (COs) of the various Programmes offered by the Institution in line with the Vision and Mission of the Institution and the departments.

Process for Curriculum Development and Implementation:

1. Curriculum Design (Type of courses, number of electives, and the curricular structure) as per the regulations.
2. Mapping of Course Outcomes (COs) for every course with the Program Outcomes (POs) defined by NBA and the Program Specific Outcomes (PSOs).
3. OBE Implementation: Ensuring our graduating engineers have all the 12 POs defined by the NBA.
4. Initial version - HOD and senior faculty members prepare the proposed curriculum.
5. Board of Studies (BOS) meeting - Put forth for expert review (industry, academia, alumni, and senior faculty members).
6. Final Draft Preparation: The courses, electives, and value-added courses will be amalgamated with the existing syllabus.
7. Forwarding for the academic council's approval
8. Publication on the institute website (sietk.org)

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.sietk.org/regulations.php

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

07

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1048

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year**

157

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

19

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The curriculum blends crosscutting issues like Professional Ethics, Gender, Human Values, Environment, and Sustainability in all its UG and PG programs.

Since the institute got autonomy in 2016, it has thoughtfully and ardently integrated cross-cutting issues into its curriculum and promulgated them in all its academic activities and campus stays. The Courses such as Human Values and Professional Ethics, Essence of Indian Traditional Knowledge, Intellectual Property Rights, Cyber Security, Value Education, Industrial Safety, Business Ethics, and Corporate Governance, etc., will enable students to realize the cross-cutting issues from an academic perspective. The orientation program, the three-week Induction program in the first year, NSS, and other clubs and associations will provide a platform for students to discuss, debate, think, and work on real-world cross-cutting issues. Numerous activities conducted by the Women Empowerment Cell, Women Protection Cell, and Gender Champion Club will provide further mileage in realizing students' objective to be sensitive to cross-cutting issues. The institute's faculty members are committed to aligning themselves

with the thought process of statutory bodies related to cross-cutting issues. In this context, 235 faculty members are UHV-I certified, and 64 completed UHV-II, conducted by AICTE, New Delhi.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

28

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

4241

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1742

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.sietk.org/naac.php
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.sietk.org/naac.php
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1783

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

593

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Categorization of Students into Advanced and slow learners was done by assessing their performance in Mid-I examinations. Students with less than 60% of the maximum marks in the Mid-1 examination were identified as Slow Learners, and the remaining students were considered Advanced Learners. These students with varying learning levels were recognized for each subject separately by the respective subject faculty for every semester.

Advanced learners: Advanced learners were offered enrichment activities, accelerated coursework, and programs designed to challenge and engage them further. They were:

- Submission of tutorials on problem-solving techniques and solutions to challenging assignments in advanced topics.
- Advanced courses via NPTEL and SWAYAM platforms.
- Participation in technical events like Hackathons, Paper Presentations, Project Expos, Seminars, and Internships.
- Representation as office bearers in the student chapters of various professional societies to improve communication and leadership skills.

Slow learners: Slow learners were provided additional support to help them overcome academic challenges and catch up to their peers.

- Conduction of remedial classes by the faculty with a separate timetable.
- Conduction of Tutorial classes for improving problem-solving skills referring to semester-end exam question papers.
- Training in soft and communication skills.
- Deliverance of Motivational insights by accomplished alumni.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AOAR%20_2022-23/C2/No Additional Information.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2022	4885	297

File Description	Documents
Upload any additional information	View File

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:

The institute adopts many student-centric methods, such as:

Experiential learning: makes learning an experience that moves beyond the classroom and strives to bring more involved learning. Students are motivated to carry out Internships (1701), Hands-on training (2248), Project Expos (940), and Field Trips/Industrial visits (1285) at reputed industries/government sectors.

Participative learning: Students are encouraged to participate in many events organized at national & international levels. Seminars/Webinars (13) and Guest Lectures (9) are organized to bridge the gap between academics and industry. Events such as Workshops (2239), Group discussions (190), Paper presentations/Conferences (517), and Technical Quizzes (467) are

conducted through Department Association (1415) and Professional Society activities (298). Students are also encouraged to upgrade their knowledge by doing NPTEL (834) courses, being part of the Industry-Academia Program (IAP), and being members of professional societies.

Problem-solving methodologies: Students are taught problem-solving skills to develop basic knowledge and valuable methods for problem-solving. Students are encouraged to build solutions and prototypes for certain real-time problems by participating in Code hacking (350), Mini Projects (386), and Main projects (312).

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://sietk.org/NAAC_AOAR%20_2022-23/C2/2.3.1%20FINAL%20PROOF.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Our institute is well-equipped with the following resources and tools to support the integration of Information and Communication Technology (ICT) tools in enhancing the teaching-learning process.

1. **Infrastructure:** To facilitate the use of ICT tools, the institute provides essential infrastructure such as recording theaters, computers in departments and libraries, with high-speed internet access.
2. **Faculty Training:** Faculty members are effectively trained to utilize ICT tools through training sessions and Faculty Development Programs (FDPs), ensuring they can leverage these tools proficiently in their teaching.
3. **Range of Tools:** A wide array of ICT tools are used by faculty and students, including Quizziz, Google Classroom, Google Sites, Google Forms, Microsoft Teams, simulation software like 4nec2, V Lab Simulator, STAAD PRO, and Zoom. This diverse set of tools caters to various teaching and learning needs.
4. **Classroom Infrastructure:** The institute has 86 classrooms and 6 seminar halls with LCD projectors for conducting lectures, seminars, and workshops to enhance teaching sessions.

5. **Digital Resources:** Access to digital libraries, online courses (MOOCs, NPTEL, Coursera, etc.), and online journals (IEEE, J-GATE, Taylor & Francis, IETE, etc.) are provided to students.
6. **Communication Skills Development:** The integration of ICT tools in Communication Skills Labs and English Labs assists students in acquiring proficiency in listening, speaking, reading, and writing skills, which are essential for holistic development.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://sietk.org/NAAC_AQAR%20_2022-23/C2/2.3.2.pdf
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

255

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The institution prepares the Academic Calendar at the beginning of the academic year after extraneous discussions with heads of various departments to take the future course of action. The academic committee, along with the Principal and Deans, collectively approve the Academic Calendar. The institution prepares the academic calendars for programs like B.Tech, M.Tech, MBA, and MCA. This is disseminated to all department heads, faculty, and students before the commencement of the academic year/classwork via a link on the institute's website and posted on all the departments' notice boards.

Learner-centric teaching and learning practices are implemented

in the institute. Every faculty prepares Teaching / Lesson plan one week before the commencement of classwork for every semester as a part of the Course file. The lesson plan structure is prepared to meet the needs of Outcome-Based Education prescribed by the National Board of Accreditation. Every faculty adheres to this plan, and a record of the actions taken in compliance is documented. Later, the Dean, IQAC, and heads of the departments assess the performance of the faculty for the future course of action.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

297

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

57

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1215	
File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File
2.5 - Evaluation Process and Reforms	
2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year	
12	
File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File
2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year	
213	
File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File
2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution	
<p>The Examination branch has brought the following reforms by IT integration since UGC gave an Autonomous status in the year 2016.</p> <ul style="list-style-type: none"> Two sets of question papers are prepared for each subject by External faculty and Question paper setting as per BLOOMS Taxonomy 	

- OMR based answer script was introduced for ensuring strict confidentiality by avoiding manual coding in the examination and evaluation system, Encoding and decoding of answer scripts, Online registration and download of Hall tickets of the candidates are being implemented.
- The examination section has a Protected Server with firewall security, Authorized access to the controller of examinations through security key only, CCTV surveillance and Backup data storage and power.
- Results module automation of examination management system.
- Complete automation of examination processes - helped in monitoring of examination fee payment, examination schedule, seating arrangement, attendance monitoring, marks data entry, preparation of programme wise and course wise results.
- Inclusion of photograph, AADHAAR number, father and mother name, mode of study and medium of instruction in certificates as per the UGC directions. Several security features are embedded in the certificates to avoid tampering.
- Calculation of SGPA /CGPA and percentage of marks, backlog list, details of students who are successfully awarded the degree.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.sietk.org/exam_cell.php

2.6 - Student Performance and Learning Outcomes

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

Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students in the following ways:

Faculty are given guidelines on framing COs for every subject. For every course, 4 to 6 COs, as recommended by NBA, are drafted, addressing most of the applicable levels of Bloom's Taxonomy. These COs are modified and reframed in accordance with the curriculum changes and revised as needed from time to time. COs framed are finalized and approved by the Board of Studies (BOS) of the respective programmes.

Program specific outcomes (PSOs) are the accomplishments to be fulfilled by the students at a micro-level by the end of the program. The programme coordinators prepare the PSOs, usually two to four in number, in consultation with course coordinators.

The following means are used to disseminate COs to teachers and students.

1. Displayed near HODs cabin, Corridors of each floor, and Labs.
2. Published on the college website, Lab Manuals, course information sheets, and syllabus copies.
3. The faculty of every subject addresses the students, creating awareness of POs, PSOs, and COs in the first class at the beginning of the semester.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://sietk.org/NAAC_AOAR%20_2022-23/C2/2.6.1 List of COs.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Course outcomes for each course are stated in the syllabus using Blooms taxonomy. These COs are evaluated for attainments through Continuous internal evaluation (CIE) and semester-end examination (SEE). The distribution of weightage of marks is 40% for CIE and 60% for SEE.

NBA defines POs, and individual departments define PSOs according to their specialization. The course articulation matrix for every course is prepared and the program articulation matrix is prepared from the course articulation matrices of all the courses. Program Outcomes (POs) / Program specific outcomes (PSOs) attainment is determined from Direct attainment and Indirect attainment. PO and PSO attainment of direct attainment is considered for 80% and indirect attainment for 20%.

Direct attainment is calculated from the marks obtained in

Continuous Internal evaluation, Assignments and Semester end examination. CIE includes MID-I and MID-II examinations with objective and descriptive questions.

Indirect Attainment is calculated by considering the responses obtained from Student exit survey, Alumni survey and Employer survey. A questionnaire was designed for this purpose and the average response of the outgoing students for each PO is computed.

Final PO attainment for a particular batch = $0.8 * \text{Direct Attainment} + 0.2 * \text{Indirect attainment}$

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://sietk.org/NAAC_AQAR%20_2022-23/C2/2.6.2.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

819

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://sietk.org/NAAC_AQAR%20_2022-23/C2/Annual_Report_2022-23.pdf

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.sietk.org/about iqac.php>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The institute provides all the essential infrastructural facilities for a conducive environment to promote a competitive research ambiance among the faculty and research scholars.

The research facilities in the institution are frequently updated as follows.

- Wave Guru RF and Wireless SDR were procured in 2017 for radio communication systems.
- Digital Storage Oscilloscope purchased in 2022 for processing and analyzing wave signal.
- Two IGUS robots were purchased to demonstrate the integration method in manufacturing in 2019.
- Dspace KIT to provide rapid control prototyping and hardware obtained in 2019.
- Power quality analyzer to analyze electric power signals established in 2018.
- Advanced antenna trainer kit for measuring radiation characteristics established in 2022.
- Muffle furnace & Tilting furnace for preparation of composite materials in the casting process accomplished in 2017.
- ARC and Gas welding machines are acquired in 2022 to work on welding techniques.
- Internet bandwidth was upgraded to 1Gbps in 2021.
- Automobile five gas analyzer for analyzing pollution from automobile engines attained in 2017.
- In 2017, 156 Computer systems equipped with 3D modeling and simulation software, such as SOLIDWORKS, CATIA, and SIMULIA, were purchased for research and training purposes.
- The MATLAB software package was upgraded for 2022 to analyze signal processing and communications.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.sietk.org/naac/c3/R&D_Policy.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

5.41

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

7

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)**

3.5

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

02

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.sietk.org/pdfs/UNNAT%20BHARAT%20ABHIYAM.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

7

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

01

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.sietk.org/pdfs/UNNAT%20BHARAT%20ABHIYAM.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution has created following robust ecosystem for the stake holders:

Innovation Council (IIC) has been constituted for the promotion and monitoring of research, innovation, and development activities. The IIC organized 49 programs and achieved a 3-star rating by the MHRD in 2022-23.

The Ministry of S&T sanctioned Rs.4.37 crore to set up Technology Incubation center in the institute to inculcate the culture of innovation and to create the vibrant start-up ecosystem in the campus.

For Research & Development 73 International and 132 National online journals are made available in library. The faculty members of the institution have filled 28 patents in the academic year 2022-23.

Entrepreneurship Development Cell was established to guide and motivate the members to become entrepreneurs and take on startups. This created awareness on entrepreneurial skills among stakeholders and conducted 3 programs in 2022-23.

The institute is in collaboration with the APSSDC which established industry sponsored labs like Automobile two and four wheeler labs, Electrical home, Refrigeration and Air-conditioning labs, Electronics home and Office labs, Computer-based training labs, Advanced robotic control labs, and Dassault 3D Experience Center to provide skill-oriented training to students. In these laboratories, until now, 12,191 students have been trained.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/pdfs/IIC_RatingCertificate_2022-23.pdf

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

33

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

5

File Description	Documents
URL to the research page on HEI website	https://www.sietk.org/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

106

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

50

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AQAR%20 2022-23/C3/3.4.4.merged%20final.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

22

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University**3.4.6.1 - h-index of Scopus during the year**

97

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)**

8.830

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

6.117

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institution encourages students to participate in extension activities through agencies such as NSS, Cells, BCDE, and UBA.

National Service Scheme (NSS):

The institution has an active NSS wing sanctioned by the affiliating university (JNTU, Anantapur), consisting of 100 volunteers. The NSS wing takes up social service activities in the nearby villages. This academic year, 30 regular events and one special camp were conducted.

Women Empowerment Cell: This creates awareness of women's issues and problems, as well as their rights and duties.

Board for Community Development through Education (BCDE):

The State Government has developed the BCDE body in Higher Education Institutions. Under BCDE, mass tree plantations were conducted with the Kalp Taruh organization.

Unnat Bharat Abhiyan (UBA):

This year, our institution was chosen as a participating institution for the Unnat Bharat Abhiyan program, under which five villages were adopted and various awareness programs conducted.

The student impact thereof during the year:

1. All these activities have positively impacted the student's ability to develop community relationships, leadership skills, responsibility, accountability, integrity, and human values.
1. Student volunteers become solution providers for environmental issues by demonstrating the knowledge needed for sustainable development.
1. It addresses specific needs and challenges for holistic village development.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/nss.php

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

6

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

18

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

4028

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work**

101

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

27

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

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 equipments, etc.

The institution has developed adequate and excellent physical facilities to support the teaching and learning process.

Physical Facilities:

Campus:

The institute has spread over a sprawling campus of 28.64 acres of land with a lush green eco-friendly environment and an excellent academic ambience, with a well-equipped built-up area of 81,168 sq. m.

- Instructional area: 24,844 sq. m.
- Administrative area: 5,559 sq. m.
- Amenities area: 34,531 sq. m.
- Access and Circulation Area: 16,234 sq. m.

Classrooms:

- The institute has 101 classrooms for the teaching-learning process.
- The institute has 86 classrooms, 6 seminar halls, 3 conference halls, and 2 board rooms that are ICT-enabled to support conventional and blended learning.
- The campus is fully Wi-Fi-enabled with a leased line connection of Limras Eronet Broadband Service Pvt. Ltd. (1 Gbps) and BSNL Broadband.

Laboratories:

The college provides the following lab facilities to students for experimental learning:

- 10 computer labs with the latest high-configuration and required software.
- 2 Language lab
- 4 Excellence Centres
- 31 Physical Labs

Computing Equipment:

- The college has 1235 systems with the latest high-configuration and required software.

- The campus is fully Wi-Fi-enabled, with a leased line connection to Limras Eronet Broadband Service Pvt. Ltd.(1 Gbps)and BSNL Broadband.
- The institute has a fully automated central library and digital library.
- The college has a computer center with the latest high-configuration systems, 30 routers, 105 switches with 16 and 24 ports, 5 color printers, and 16 monochrome color printers.

Which are all adequate and exceed as per AICTE-prescribed norms.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AOAR%20_2022-23/C4/4.1.1_Geo-Tagged_photos.pdf

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

The institution has developed adequate and excellent facilities for cultural activities, yoga, sports, and games.

Facilities for Cultural Activities:

- The college has a centralized, air-conditioned indoor auditorium with a 4700 sq. m. floor area and a seating capacity of 4000.
- The institute has an open auditorium with a seating capacity of 20,000.
- The institute organizes cultural events, techno-cultural festivals, the College Fine Arts Festival, Sports Day, and Department Association activities.

Facilities for Yoga:

- The institute has a yoga center with an area of 301.28 sq. m.
- Our Institute offers Yoga classes to students and staff members in association with ART OF LIVING, Bangalore, to improve human excellence.

Facilities for Sports and Games:

The Institute has excellent indoor and outdoor athletic facilities.

- 3 Badminton Courts: 245.40 sq. m.
- 3 Volley Ball Courts: 486 sq. m.
- 2 Kabaddi: 260 sq. m.
- 2 basketball courts: 840 sq. m.
- 1 cricket ground: 12978 sq. m.
- A multi-purpose sports room equipped with chess, carrom boards, and other facilities

Gymnasium:

- The institute has a centralized gymnasium center with an area of 57.7 sq. m.
- The gym on our campus has modern equipment, including dumbbells, bench press machines, cycling machines, boxing punching bags, multi-functional treadmills, sit-up benches, elliptical cross-fit trainers, and weight-lifting equipment.

Auditorium:

- The college has a centralized air-conditioned auditorium with an area of 4700 sq m and a seating capacity of 4000 and an open auditorium with a seating capacity of 20,000.
- The auditorium has an acoustic Bosch Premium sound system with two LED screens of 12x8 ft., a 12K resolution Christie projector, a 40x20 ft. silver screen, and an attractive DJ lighting system.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/sports_sietk.php

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

92

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

303.25

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

An integrated library system is a computer-based system that manages all the library's internal and external resources. It contains a wider scope than the language library system due to the advanced technology and functions.

- Name of the ILMS software: NEW GEN LIB
- Nature of automation (fully or partially): Fully automated
- Version: 3.2
- Year of automation: 2016

Siddharth Institute of Engineering & Technology(SIETK) has a spacious Central Library with 1620 sq.m and can accommodate 350 users. It is automated with version 3.2 of the NEW GEN LIB. This integrated ILMS library management system supports the in-house acquisition, cataloging, circulation, serial control, Web OPAC, and distribution operations through a dedicated server. Our Library has JGATE, N-LIST (INFLIBNET), NDLI CLUB, and DELNET, KNIMBUS (JNTUA) subscriptions, and all students and faculty members can use database resources for professional and personal development. To meet the needs of staff and students, all

engineering departments have separate department libraries for instant reference at the departments.

The Library has a good collection of 62,332 volumes of textbooks with 11,560 titles and 205 Journals, of which 132 are National Journals, and 73 are International Journals. There is online access to e-resources on Engineering disciplines, Management, Basic Sciences, Humanities, etc. The Institute provides a Book Bank facility with SC/ST students for their academic needs.

The central library is located on the second floor of B-Block and has the following amenities:

- Reading Room
- Digital Library with 30 Systems
- Project Discussion Room
- Binding Room with Reprographic Facility

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/library.php

**4.2.2 - Institution has access to the following:
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources**

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

5.7

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

2612

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

IT Policy of the College

The IT Policy of the college covers relevant ethical aspects of internet use on the campus and instructs all stakeholders on how the network facilities of the college may be used in accordance with the existing laws and regulations of the nation. Users of network on the computer are required to refrain from any activities resulting in compromising the data security and integrity of the cyber infrastructure of the institution.

LAN Facility

There are 13 data network switches (Giga Byte), 18 POE network switches (GB) for access points, 300 CCTV cameras. 1 Gbps of Internet connectivity is shared across the campus for the students, provided by LimrasEronet Broadband service Pvt. Ltd. and BSNL Broadband. Wired and Wi-Fi equipment of 25+ Hub racks, 100+network switches and 30+ routers.

Website - Secure Hosting

The college has procured a secure domain for itself. All the academic departments and independent cells under the college are provided with sub-domains. All the domains rely on secure communication protocols for information exchange.

Provision for Firewall

The college intranet is secured with dedicated firewall protection sourced from LIMRAS ERONET provider. Physical access to the server room is also limited. Only authorized personnel are granted entry into the server room.

Budget

As per our institution's IT policy, funds are allocated for updating the IT facility appropriately, and an additional budget is allocated whenever a systems purchase need arises.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AQAR%20_2022-23/C4/4.3.1_IT_Facility_photo.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5700	1235

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AQAR%20_2022-23/C4/4.3.4._Media_centre_photos.pdf
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

310.63

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

The Institute's Physical, Academic, and support facilities are well-maintained. Under the direction of the Administrative Officer, the Maintenance Supervisor and his crew are responsible for the upkeep of the entire infrastructure. Classrooms: The Classrooms, Seminar halls, Department office and Staff rooms are cleaned and maintained hygienically. Fire extinguishers are also placed at prominent locations as a safety measure. Before the

commencement of the academic year, the furniture and ICT facilities in all classrooms are verified, and appropriate repair works are carried out.

Laboratories: All the laboratories are well equipped and maintained to conduct laboratory courses. The equipment and infrastructure in the laboratories are based on the curriculum need and strength of the class. Lab incharges regularly update the stock register and maintenance register.

Library facility: The Library is led by a qualified Librarian and supporting staff. A proper log of visitors/users (students and employees) is maintained daily. As a maintenance activity, the library advisory committee will perform the audit of the books before the commencement of every academic year.

Sports facilities:

The Physical Director and the sports committee supervise and maintain the regular maintenance of the college's indoor and outdoor sports and games facilities.

Computers:

System Administrator and lab assistants under the supervision of the IT Manager maintain the college IT Infrastructure like Computers, LCD projectors and CCTV cameras and other IT accessories effectively. In addition, the IT Manager ensures the periodical validity of the software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AOAR%20_2022-23/C4/4.4.2_Register_details.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

3417

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

784

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://sietk.org/NAAC_AOAR%20_2022-23/C5/SAMPLE%20OFFER%20LETTERS%20FOR%202022-2023.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1752

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

759

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

48	
File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

48	
File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

3	
File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Student Council:

Our institute boasts a thriving Students' Affairs portfolio, which is overseen by a Senior Faculty member who serves as its dean. It offers a range of extracurricular and co-curricular

support services to help students advance. The Students' Council, a crucial component of the collegiate system, represents students' interests with the help of Students' Affairs. It gives students enough chances to interact systematically with instructors, other students, and administration when carrying out college-related tasks. It attempts to support students in developing their leadership, creativity, decision-making, and organizational abilities while they are in college. Their confidence to tackle future obstacles will be bolstered by the Life & Managerial Skills they have acquired.

The Motto of Students' Council: Awake, arise and stop not till the goal is reached.

This Council is democratically elected through the establishment of Class Representative voting rights. Elected members hold various positions and represent the interests of the entire student body. They will offer moral support, financial aid, and grievance resolution by representing the college's interests before the principal and management.

The following are the student councils present in the institution

- NSS
- Sport Committee
- Cultural Committee
- Women's Empowerment Cell
- IQAC,
- ISTE Student Chapter.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/NAAC_AOAR%202022-23/C5/5.3.2_ISTE.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

40

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Siddharth Institute of Engineering & Technology, Puttur, has Alumni Association registration under the Act.no. 35 of 2001, Society no. 369 of 2012, on 11th December 2012, under the name of "Siddharth Institute of Engineering & Technology Alumni Association," SEAA. The Alumni Association, supported by the Management, has conducted Alumni meets since 2011 in the name of "HOME COMING" or "ALUMNI DAY" at the college campus, where alumni from different branches are invited to share their views and suggestions. The alumni meet was held this year on 07th January 2023, with approximately 230 members.

The following are the activities carried out with the help of Alumni.

A separate website, <http://alumni.siddharthgroup.ac.in/>, has been maintained, with 4599 alumni enrolled in the association. This year, the financial contributions are also made by the alumni association with Rs 6,15,000/-. Non-financial contributions in the last years of the institution very much appreciated the commitment of Alumni to reach out to the current students by providing career guidance. However, this year, 14 Alumni events were conducted in college. Apart from the above, alumni contribute as members of BoS, IQAC, and other administrative committees as per the requirements from time to time.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://alumni.siddharthgroup.ac.in/

5.4.2 - Alumni's financial contribution during the year	C. 5 Lakhs - 10 Lakhs
File Description	Documents
Upload any additional information	View File
GOVERNANCE, LEADERSHIP AND MANAGEMENT	
6.1 - Institutional Vision and Leadership	
6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution	
<p>The Institute has well-formulated governance reflected in its vision and mission. The Institute's Governing Body (GB) was formed under the guidelines specified by the University Grants Commission (UGC) and Jawaharlal Nehru Technological University Anantapur (JNTUA). In the composition of GB, the Principal serves as the ex-officio member secretary along with UGC nominees, university nominees, educators, institute members, and management members. The Principal ensures that the GB makes all decisions on admission, the budget, and infrastructure. The GB meets twice yearly to review performance and execute the organization's overall growth. All meeting proceedings are documented, and action-taken reports are prepared and periodically updated to the GB. An efficient and participatory decision-making process has been used to accomplish the institution's objective and create an influential organizational culture.</p> <p>The GB takes a democratic, decentralized, and transparent approach to governance and provides recommendations for further improvements while keeping the institute's vision and mission in view. It encourages all stakeholders to participate in the institute's administrative activities by forming several academic and administrative committees. The faculties are actively involved in designing new experimental sets up in laboratories and executing in-house & funded R&D projects. Faculty members are encouraged to be innovative and critical towards the administrative mechanism in the continuous development of the institute. Thus, the approach is to achieve the vision through the mission.</p>	

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.sietk.org/governing_body.php

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The institution has a mechanism of providing operational autonomy to various functionaries to ensure a decentralized governance system.

Decentralisation

Principal Level

The principal is the member secretary of the Governing Body(GB) and the Chairman of the Internal Quality Assurance Cell (IQAC). In consultation with the Institute's Academic Council, the principal constitutes different committees for planning and implementing academic, Administrative, and Research activities.

Faculty Level

Faculty members are given representation in 30 (21-Committees, 7 Cells & 2 Clubs), the GB, and the IQAC, which are constituted by AICTE and UGC guidelines. Every academic year, all the committees are re-constituent to improve the outcome results.

Student Level

Students are empowered to play an essential role in different activities. The functioning of the different student committees reinforces the decentralization.

Participative management

The institution promotes a participative management culture at the strategic, functional, and operational levels.

Strategic Level

The Principal, The GB, the Academic Council, the Board of Studies, the Finance Committee, and IQAC are involved in defining

policies & procedures and effectively improving strategies for institutional activities.

Functional Level

Principal and faculty members are involved in research activities such as conducting seminars, conferences, workshops, FDP, etc., and published papers in reputed journals.

Operational Level

The principal, Faculty, staff, and students interact with UGC, AICTE, JNTUA, other reputed universities and institutes, and external agencies to execute different academic, administrative, extension-related, co-curricular, and extra-curricular activities.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.sietk.org/organization_chart.php

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The Institute maintains clarity in achieving positive results and improving the institution's performance through a well-developed strategic plan (2021 - 2026). The following list of achievements is possible through the strategic plan for the academic year 2022-23:

A new program

- Computer Science and Engineering with Artificial Intelligence (CAI) was introduced.

R&D Infrastructure

- APSSDC - SIEMENS LAB

- IBM Centre

R&D Achievements

- No. of projects done - 2 worth Rs. 3.5 lakhs
- Publications - 106
- Books - 11
- Patents - 27
- Patent Grant - 01
- Conference papers published - 36
- Book Chapters - 05

Faculty Academic Growth

- Total no of FDPs, Workshops, and Training Programs conducted - 32

Sports & Games Infrastructure

- Volley Ball, Basket Ball & Tennis Courts
 - Cricket Ground
 - Gymnasium

Laurels in Sports & Games

- achieved laurels in 1 Volleyball, 2 Handball, and 1 Hockey tournament at JNTUA South Zonal Level.

Training & Placement and its Achievements

- Q Spider, Bangalore, conducted various placement training programs on the campus.
- Around 638 UG students and 91 PG students were placed.

Welfare measures for faculty and staff

- 97 faculties received financial assistance with ODs for conferences and workshops, and to enroll as members of professional bodies, 4 women faculty opted for maternity leave.

Quality Enhancement

- All eligible programs have NBA accreditation and NAAC A+ grade.
- Achieved 3-star ranking for Institution's Innovation

Council awarded by AICTE MOE's Innovation Cell, Govt. of India.

Curriculum Development

The constituted Board of Studies validates, revises, reviews, and reforms the curriculum regularly. The IQAC assesses the Strategic Plan and Policies' execution and takes corrective actions to meet long-term objectives.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.sietk.org/pdfs/IIC_RatingCertificate_2022-23.pdf
Upload any additional information	View File

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

The institute has well-structured institutional bodies that clearly show the responsibilities of Teaching and Non-Teaching staff for various tasks and the levels of supervision. The Statutory Bodies and Non-Statutory Bodies are formed by the guidelines laid by the UGC, AICTE, and JNTUA and adhere to them with utmost sincerity.

The Statutory Bodies:

- The Governing Body (GB)
- Academic Council (AC)
- Boards of Studies (BoS)
- Finance Committee (FC)

The functions of Statutory Bodies:

The Statutory Body is a decision making body through which policies are made, introducing new programs, decide financial matters and approve the same. It continuously monitors the strategic plan and gives suitable directions for the administration to execute the plans.

The Non-Statutory Bodies

Grievances Redressal Cell, Women Empowerment Cell, Anti-Ragging Committee, Robotics Club, etc.

The functions of Non-Statutory Bodies:

- Planning and Evaluation, Student Welfare, Co-Curricular and Extra-Curricular Activities, and Industry Institute Interaction
- Assisting students and parents in complaining and solving their problems relevant to academics, resources, and personal grievances.
- Identifying the vacancies, advertising the same, Short-listing the applications, and regulating the service conditions of all Teaching and Non-teaching staff, either regular or ad-hoc.

Thus, the functioning of the institutional bodies is more effective and efficient.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.sietk.org/organization_chart.php
Upload any additional information	View File
Paste link for additional Information	https://www.sietk.org/downloads/INSTITUTIONAL%20POLICY.pdf

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	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The institution has effective welfare measures for teaching and non-teaching staff. The welfare measures are reflected in the Institute policy document, incorporated in service rules, and approved by the Governing Body (GB). The policy document is displayed in all the prominent places of the institute and is available on the college website. The beneficial welfare initiatives improve employees' spirit and encourage them to work effectively. The welfare measures are implemented in 2022 - 2023 are listed below:

Teaching Staff

- 50% Transportation concession for College Bus co-ordinators. The total number of beneficiaries is 24.
- Seed money is provided for Research Projects.
- 12 Days of On Duty leave (6 Days per Semester) for professional development
- 3 Years of Study leave for higher education
- 3 Days of Marriage Leave. The total number of beneficiaries is 1.
- 180 Days of Maternity Leave. The total number of beneficiaries is 4.
- Medical Leave
- Registration Fees, TA, and On Duty leave are provided for participating in International and National Conferences. The total number of beneficiaries is 58.
- Registration Fee, TA, and On Duty leave are provided for attending workshops. The total number of beneficiaries is 38.
- A membership fee is provided to enroll in various

professional bodies like IEEE, SAE, etc. The total number of beneficiaries is 1.

Non-Teaching Staff

The Institution shall contribute 12% of the pay subject per Non-Teaching staff towards the Employer's contribution to the EPF Scheme.

- 12 Days of On Duty (6 Days per Semester)
- 3 Days of Marriage Leave
- 180 Days of Maternity Leave
- Medical Leave
- Encourage higher education.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/downloads/INSTITUTIONAL%20POLICY.pdf

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

97

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

32

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

247

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

To ensure financial compliance, the Institution has established a procedure for annual internal and external audits of financial transactions.

Internal Financial Audit

To evaluate the internal finance audit, the internal audit committee is formed. The committee is headed by the principal, and other members like a senior faculty and the office accountant. The validity of the audit committee is three years, and it is primarily responsible for overseeing the planning, execution, and handling of audit objections. The committee verifies the institute's financial account documents every six months and submitted to the finance committee (FC)

External Financial Audit

As per government regulations, a chartered accountant, P.Murali & co., regularly audits the institute's financial documents. After

the audit, the report is submitted to management for review, and the auditor ensures that all payments have been appropriately authorized. Any queries arising during the audit process will be resolved immediately by verifying necessary supporting documents within the stipulated time.

The Institution did not encounter any audit objections in the years preceding. These procedures show that financial concerns are preserved transparent and adherence to financial discipline to prevent the Institution's assets or finances from being misappropriated at any level. The management representatives and the chartered accountant duly sign the audited statement every financial year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sietk.org/finance_committee.php

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0.23

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The institute is known for its integrity, and it maintains a transparent and accountable financial management system. A financial committee is introduced to regulate the financial process, prepare a budget, mobilize resources, monitor expenditures, maintain accounts, conduct internal verification, and conduct external audits. The College can implement various quality enhancement activities with its ability to mobilize resources from different sources for new programs, research,

extension, infrastructure, student welfare, and staff career advancements. The institution has formulated strict guidelines for financial management, and it regularly monitors the institution's adherence to them.

Mobilization of Funds

The Institute mobilizes funds as per the policy and procedure enacted by the Management. The process is monitored by the finance committee under the chairmanship of the principal. The College receives funds from the following sources.

- Management Grants from the Trust
- Tuition fees are collected from the students.
- Self-financed streams
- State Government Payment under Vidya Deewana
- Transport fees
- Hostel fees
- Interest on fixed deposits
- Sponsored projects from Industry sponsors

Utilization of Resources

The institute effectively utilizes the funds in the following ways.

- Disbursal of staff salary
- Infrastructure augmentation includes the construction and renovation of classrooms, waste management units, plantation of trees, and laying of paver blocks and roads.
- Hostel maintenance
- Library resources
- ERP and ICT improvement
- Software and equipment purchase
- Organizing Seminars/Endowments lectures, conferences, workshops, training programmes.
- Career development programmes, faculty empowerment programmes to staff.
- Seed money grants for promoting research.
- Welfare measures for teaching and non-teaching staff.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://sietk.org/NAAC_AQAR%20_2022-23/C6/6.4.3_1.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The Internal Quality Assurance Cell (IQAC) was established as per NAAC guidelines to maintain and enhance the quality of education. IQAC fosters several activities to make everyone aware of the quality assurance strategies and processes. Two IQAC initiatives that have contributed significantly to quality improvements are brief.

1. Student Mentoring System

The main objective of introducing 'The Student Mentoring System' is to guide the students towards academic, career advancement, co-curricular and extra-curricular performances and motivate them to utilize all the available resources in the institution for their holistic development.

- Monitor the students' performance, identify strengths and weaknesses, behavior and attitude, and offer amiable support and specific suggestions to develop the students in all aspects.
- Faculty members acting as mentors are trained under the AICTE FDP on Universal Human Values.
- During the one-to-one interaction, specifics on attendance and performance are discussed and recorded in "The Student Record" book. The attendance report is sent to the parent the first week of every month.

2. IIT Mentorship

There is a lot of emphasis on the teaching and learning process, and the Institute has an MOU with IIT Tirupati, so the faculty

may get mentoring.

- To encourage faculty participation in academic and research-focused activities organized by the IIT, Tirupati.
- To conduct interactive initiatives, such as workshops and seminars, including the professors of IIT Tirupati and Siddharth Institute of Engineering & Technology.
- Teaching and research focus on specific subject areas with a shared interest.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/about iqac.php

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The process of continuous teaching and learning promotes the creation of new abilities and proficiencies necessary for success, which, in turn, requires student learning. As a result, IQAC of SIETK constantly reviews teaching.

Feedback on COs, POs, and PSOs: Learning Outcomes

The academic calendar for the entire year, which contains several assembly dates, festival days, cultural event dates, etc., is prepared at the beginning of the program. In preparing their lesson plans, professors examine how Bloom's taxonomy relates to their particular subject. The method of delivering the course is intended to produce the COs and PSOs, and ultimately the POs.

Remedial Measures through mentoring

Conducting remedial classes for slow learners is one of the remedial actions. Based on their academic progress and communication abilities, students are identified and grouped as slow, moderate, and quick learners as soon as the first semester. Different learning levels require different types of personalized inputs. IQAC assures that the mentoring and counselling system is functional to take a comprehensive look at student performance. Students should have strong communication skills to compete in the corporate sector. As a result, IQAC places a high emphasis on assisting students in improving their communication abilities.

IQAC schedules meeting with them at regular intervals to assist mentors in promoting students. It is made of regular meetings with mentors and the chairman of the IQAC, in addition to evaluating mentoring reports at such sessions.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sietk.org/about iqac.php

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://sietk.org/about iqac.php
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

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

Siddharth Institute of Engineering & Technology, Puttur, takes pride in announcing that it employs 38.7% of women employees in teaching and non-teaching faculty members working in the institution. It is a safe place for the girl students to receive education while upholding values. It has 31.5% of girl students on the campus. The Institute encourages women employees to

progress on par with men. Girl students are encouraged to participate in all the events and also as members of various technical clubs. Toppers from all the departments are encouraged to share their experiences on numerous occasions, such as Fresher's Day, Annual Day. Equal opportunity is given to the girl student toppers and the boy student toppers to speak at the events. An internal complaints cell exists in the institution to provide education for girl students on self-protection. The Institute has a Gender Champion Cell, in which students from both genders are selected to keep watch on gender sensitivity issues in the institution and report to the Internal Complaints Cell. Every year, toppers from girls and boys are awarded the best student of the department, and one outstanding student is cited as the best outgoing student and is gifted with the laptop.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://sietk.org/NAAC_AQAR%20_2022-23/C7/7.1.1%20Safety%20and%20Security.pdf

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

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The institute has the following degradable and non-degradable waste management systems:

Solid waste management:

Solid waste like paper and plastic is segregated as degradable and non-degradable and handed over to the concerned authorities under MoUs. The block housekeeping workers on each floor collect,

clean, and keep in the dustbins provided on each floor. The floor dustbins are emptied into the tractors, which are carried by Nagari Municipality to the dumping yard. Food waste produced by the canteen is separately collected as dry waste, and wet waste (green and blue dustbins) is later collected by the municipality.

Liquid waste management:

Siddharth Institution has a well-constructed drainage system connected to a closed septic tank, and the tank is cleaned periodically. In the chemistry laboratory, organic solvents are collected in a separate, chemically compatible container, securely fitted with a tight-fitting lid, and labeled as hazardous waste for its subsequent safe disposal.

Biomedical waste management:

Bio-medical waste is rather low in the institution. The biomedical waste produced due to medical activities in the dispensary is collected in a separate dustbin for safe disposal.

E-Waste Management:

E-waste generated by electronic equipment such as CROs, function generators, RPS, motherboards, hard disks, cartridges, printers, etc, are safely disposed of periodically through a certified vendor.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

**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
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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**

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

Siddharth Institute of Engineering and Technology strongly believes in unity in diversity, symbolizing uniformity in India. The students, teaching faculty members and administrative members are from different religions, languages and socioeconomic cultures. It vividly trusts that the college is the second home

of all the students.

To represent our Indian culture, the Institution celebrates the national festivals viz., Independence Day and Republic Day and other cultural festivals along with a "Traditional Day". Through these, students get acquainted with the different cultures of our nation and help develop tolerance and harmony towards cultural, regional, linguistic, communal, social, economic and other diversities. This also creates an inclusive environment in the college and society. Different sports and cultural activities are organized on different occasions in the college to promote harmony and friendly relation towards one another. This establishes positive interaction among the people. The Institution is giving importance to maintain harmonious relations not only among the members of it but also with the other stakeholders of the nearby vicinity. It is the home for students from different regions and languages.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

Siddharth Institute of Engineering and Technology sensitizes the development of professional ethics and human values among the students, teaching staff, and non-teaching employees. To inculcate these values, the institute organizes the following programs for students and employees:

- Blood donation camps
- Anti-Ragging Awareness Program
- Indian Constitution Day
- World Environment Day

Professional ethics and human values play a very prominent role in the work life of teachers, students, and the institution. In our curriculum, we have included the subjects "Human Values and Professional Ethics, Constitution of India" for B.Tech. and MBA students. All our faculty members attended a five-day workshop on "universal human values" organized by AICTE, New Delhi. Our institute has initiated efforts towards educating students about

the Constitutional obligations.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

The following information shows National and International commemorative days, events, and Festivals are celebrated in the institution

Siddharth Institute of Engineering and Technology facilitates various National and International co memorable day celebrated by our institution : International women's day, awareness program on anti-ragging, cyber-crime, traffic rowel, DISHA App, women's safety and voters day, traditional day, constitution day,

engineers day is being conducted on our campus. SIETK faculty and students celebrate the Independence day and Republic day as respect to freedom fighters. Every year, as the part of this day, the flag hoisting ceremony is being perceived in our campus. The faculty and students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. The lists of commemorative days are shown in following table. The List of events and commemorative days are shown in the following table:

National Commemorative Days

1. Teachers Day
2. Engineers Day
3. Independence Day
4. Women's Day
5. Republic Day

International Commemorative Days

1. World Environment Day
2. Yoga Day
3. World Earth Day
4. Traditional Day
5. Sports Day

The Institution also commemorates the birth/death anniversaries of great indian personalities, the students share the teachings of these eminent personalities through speeches and posters. On teachers day to, the student council puts up a show to express their love and gratitude for their teachers and salute the great teacher Dr.Sarvepalli Radhakrishnan

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the

prescribed format of NAAC

Best Practices

https://sietk.org/NAAC_AQAR%20_2022-23/C7/7.2.%20Best%20Practices-2023%20new.pdf

File Description	Documents
Best practices in the Institutional website	https://sietk.org/NAAC_AQAR%20_2022-23/C7/7.2.%20Best%20Practices.pdf
Any other relevant information	https://sietk.org/NAAC_AQAR%20_2022-23/C7/7.2.1%20Additional%20Information.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The main objective of the IIT Tirupati mentorship program is to Improve the Teaching Quality of Siddharth faculty members by Attending the IIT Class Room Lectures. IIT Tirupati faculty members possess in-depth knowledge and expertise in various engineering and technology fields. They can guide our faculty members on academic matters, research, and personal development. This tailored support can be invaluable for correctly guiding our institution's students and helping them make informed decisions about their future. Faculty members have been informed to attend the classroom lectures on each topic delivered by the faculty members of IIT Tirupati on their campus, with due consent of the IIT Tirupati. The primary objective of this process is to develop the confidence of the faculty of Siddharth Institutions to deliver improved Quality classroom education and learning to the UG students. Mentors from IIT Tirupati help students develop essential skills like problem-solving, critical thinking, communication, and teamwork. It can also provide insights into industry trends and expectations, preparing you for a successful career transition after graduation.

File Description	Documents
Appropriate link in the institutional website	https://sietk.org/NAAC_AQAR%20_2022-23/C7/7.3%20Institutional%20Distinctiveness-2023.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Plan of Action for the Academic Year 2024- 25

1. To merge Siddhartha Institute of Science and Technology with our institution.
2. To establish a customized institutional ERP for data analytics and ease of stakeholder sharing.
3. To work towards a paperless administrative environment.
4. To encourage faculty to develop academic collaborations with other universities, institutions (including industries), national and international agencies, and societal agencies.
5. Strengthen the Alumni Association to improve the students' employability through iterative networking, motivational speeches, and workplace-related training (attitudes, etiquette, interview skills, dos and don'ts, teamwork, and leadership).
6. Promote excellence in teaching and learning through innovative and ICT-enabled pedagogies.
7. To encourage faculty to register for Ph.D's and increase their research aptitude through participation in seminars, workshops, and conferences.
8. Establish a functional incubator center to promote entrepreneurship and business acumen among students.
9. Build a robust institutional brand to attract admissions across India and abroad.