YEARLY STATUS REPORT - 2021-2022

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. E. Kosalendra**
• Phone No.	**08577264999**
• Mobile No:	**8985325572**
• 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 2	**A+**	**3.26**	**2022**	**21/06/2022**	**20/06/2027**
Cycle 1	**A**	**3.07**	**2015**	**14/09/2015**	**20/06/2022**

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**

• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	Yes	
• If yes, mention the amount	30000	

11.Significant contributions made by IQAC during the current year (maximum five bullets)

Motivated the staff members to improve their research aptitude and to apply for sponsored research projects. IQAC, during its timely meetings, encourages the staff members to get government grants through various agencies to organize seminars and workshops frequently. IQAC organized a NAAC-sponsored, NAAC awareness seminar on "Building Quality System In Higher Education Sector", besides many other guest lectures, and seminars. Encouraged the students to take part in on-campus and off-campus activities such as seminars, workshops, and a variety of cultural and sports events and competitions.

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:

Plan of Action	Achievements/Outcomes
To increase the number of ICT enabled smart classrooms available to students in all the departments	Achieved

13.Was the AQAR placed before the statutory body?	Yes	
• Name of the statutory body		

Name of the statutory body	Date of meeting(s)
Academic Council	02/05/2022

14.Was the institutional data submitted to AISHE ?

Yes

- Year

Year	Date of Submission
2021-22	11/01/2023

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	**18**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1	**4107**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2	**837**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3	**4060**
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	**1006**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**379**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**379**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**557**
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):	**2263.05**

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 departments couple the recent technologies and the opportunities at different levels.

Curriculum Development: Both technical and behavioural skills are imparted to the students with the following factors:

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

Outcome-Based Education (OBE) Implementation in the Curriculum: We implement a comprehensive quality methodology with the following Program Educational Objectives (PEOs). These are specific, measurable and their alignment with the Vision and Mission of the departments is regularly monitored.

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) of the NBA and the Program Specific Outcomes (PSOs) of the program.
3. OBE Implementation: Ensuring that our graduating engineers have all the 12 POs defined by the NBA.

Process for Curriculum Development: It includes the following steps:

1. Initial version - The proposed curriculum is prepared by HOD and senior faculty members.
2. Board of Studies (BOS) meeting - Put forth for expert review (industry, academia, alumni, and senior faculty members).
3. Final Draft Preparation - Amalgamation of the courses, elective courses, and value-added courses, with the existing syllabus.
4. Forwarding for the academic council's approval
5. Publication on the institute website (sietk.org)

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	http://www.sietk.org/regulations.php

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

7

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

889

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

215

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

18

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

Human Values

Both UG and PG curriculum have courses that address Intellectual Property Rights, Cyber Security, Value Education, Industrial Safety, Organizational Culture and Teamwork to promote professional Ethics amongst students. Following courses are included at different levels:

- **'Human Values & Professional Ethics' for UG programs**
- **'Human Values and Professional Ethics for Managers' and 'Business Ethics and Corporate Governance' for MBA.**

Environment and Sustainability

The Environmental Science course is mandatory for all UG programs. Air Pollution & Management, Solid Waste Management, Environmental

Impact Assessment & Management, Water Resources Systems Planning & Management are offered as elective courses in the UG program of Civil Engineering. Non-Conventional Energy Resources, Water Technology, Fundamentals of Urban Planning, Solar Photovoltaic Systems, Disaster Management and Waste to Energy are offered as Open Electives.

Induction Program

A three-week induction program was incorporated into the curriculum as per AICTE guidelines for UG programmes after R18 regulations.

Most of the faculty completed UHV – I, and some of the faculty also completed the UHV – II workshop conducted by AICTE. The college has Women Empowerment Cell, Women Protection Cell, and Gender Champion Club. Anti-Ragging Committee regularly conducts awareness programs; also, we have an active NSS committee.

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

25

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

2934

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

1536

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	http://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	http://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

1429

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)

509

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.

For all the students from I year to IV year, performance in the Mid-I examinations are considered for identifying Advanced and slow learners. Students who secure less than 60% of the marks obtained in mid-I examinations are identified as slow learners, and the remaining students are considered advanced learners. Slow and advanced learners are identified by the respective subject teacher for all the semesters, and the following activities are planned for their improvement:

Advanced learners:

- They are required to submit solutions for challenging assignments in advanced topics and tutorials involving problem-solving methodologies.
- Suggested to complete advanced courses through SWAYAM/ NPTEL platforms.
- Encouraged to participate in technical events such as hackathons, paper presentations, project expos, seminars, and

internships within and outside the campus.
- Given an opportunity to be office bearers of the department association and various professional societies to develop their communication, leadership & team-building skills.

Slow learners:

- The subject teachers conduct remedial classes with a separate timetable.
- Tutorial classes cover the problems in the subject's basics and previous end question papers.
- Students from rural backgrounds are trained in soft skills and communication skills.
- Inspirational talks by successful alumni are conducted periodically.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://sietk.org/NAAC%20AQAR%202021-22/c2/No%20Additional%20Information.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2021	4107	379

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: It makes learning an experience that moves beyond the classroom and strives to bring more involved learning. Students are motivated to carry out Internships (550), Hands-on training (2010), Project Expos (304), Industrial Training/In-housing Training Programs (635), and Field Trips/Industrial visits (313) at

reputed industries/government sectors.

Participative learning: Students are encouraged to participate in many events organized at national & international levels. Several Seminars/Webinars (54) and Guest Lectures (6) are organized to bridge the gap between academics and industry. Events such as Workshops (1266), Group discussions (247), Paper presentations/Conferences (102), and Technical Quizzes (222) are conducted through Department Association (93) and Professional Society activities (767). Students are also encouraged to upgrade their knowledge by doing NPTEL (820) courses, being part of the Industry-Academia Program (IAP), and being members of professional societies.

Problem-solving methodologies: Students are given awareness of Problem-solving skills so that they are ready with the basic knowledge and other methods that could be useful for solving a problem. Students are encouraged to develop solutions and prototypes for certain real-time problems in the form of Code hacking (22) and Main projects (286).

File Description	Documents
Upload any additional information	View File
Link for additional Information	http://sietk.org/NAAC%20AQAR%202021-22/c2/No%20Additional%20Information.pdf

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

ICT tools play a vital role in delivering classroom lectures to every student. The institute provides required resources such as a recording theatre, wide availability of computers in the department and library, high-speed internet access of 1Gbps, ande-resources. The faculties are trained to effectively use ICT tools through training sessions at the institute and attending FDPs. Using Quizziz, Google classrooms, Google sites, Google Forms, Microsoft teams, simulation software such as 4nec2, V lab simulator, STAAD PRO for carrying out virtual Labs, Zoom, etc., by the faculty and students shows the need for ICT tools in the present era.

ICT enabled Teaching-Learning Process is supported by 86 LCD projector classrooms for teaching and 6 seminar halls for conducting

seminars and workshops, access to a Digital Library, Online Courses (MOOCs, NPTEL, and Course era etc.), online journals (IEEE, J-GATE, Taylor & Francis, IETE, etc.), conducting online tests, quizzes, and productive use of educational videos. Accessibility of e-material for students of different disciplines through college websites and personal websites. Through the communication skills Lab, students with ICT tools in English Lab are given the training to acquire proficiency in listening, speaking, reading, and writing skills. Thus, faculty and students find ICT tools indispensable.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://sietk.org/NAAC%20AQAR%202021-22/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

237

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 about the future course of action. The academic committee, along with the Principal and Deans, collectively approve the Academic Calendar, which is delivered via a link on the institute's website to all department heads, faculty, and students and is posted on the notice boards of all departments. The institution has an academic calendar for different programs like B.Tech, M.Tech, MBA and MCA. It is made available to the students and faculty before the commencement of the academic year/classwork, which is made available on the college website.

Learner-centric teaching and learning practices are implemented in the institute. Every faculty prepares a 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. This is followed by every faculty and the actions taken report of the compliance are recorded. Later, the coordinator, IQAC and heads of the departments will 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

379

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

78

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)

1565

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

14

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

170

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 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 to ensure 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 a security key only, CCTV surveillance and Backup data storage and power.
- Results module automation of examination management system.
- Complete automation of examination processes - helped monitor examination fee payment, examination schedule, seating arrangement, attendance monitoring, marks data entry, and preparation of programme-wise and course-wise results.
- Inclusion of photographs, 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.
- Calculating SGPA /CGPA and percentage of marks, backlog list, and details of students who are successfully awarded the degree.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://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 of 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 changes in curriculum and revised as per the need from time to time. COs framed are finalized and approved by the respective programmes' Board of Studies (BOS).

Program-specific outcomes (PSOs) are the accomplishments to be fulfilled by the studentsby 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 sheet and syllabus copies.
3. Every subject faculty addresses the students, creating awareness on POs, PSOs and COs at the beginning of the semester in the first class.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	[View File](#)
Link for additional Information	http://sietk.org/COs_POs_PSOs/POs%20&%20PSOs.pdf

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

Attainment of Program Outcomes and Course outcomes:

Course outcomes(COs) for each course are stated in the syllabus using Bloom's 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 programme articulation matrix is developed from the course articulation matrices of all the courses. Program Outcomes (POs) / Program specific outcomes (PSOs) attainment is determined fromDirectattainmentandIndirect attainment.PO and PSO direct attainment is considered for 80% and indirect attainment for 20%.

Direct attainmentis 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 attainmentis calculated by considering the responses obtained from Student exit, Alumni, and Employer surveys. A questionnaire is 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	http://sietk.org/NAAC%20AQAR%202021-22/c2/cse.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

837

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	http://sietk.org/Annual%20Report%20Exam/ANNUAL_REPORT_2021-22.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

http://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 research facilities are as follows.

Name of the facility Created

Used for

Year of Establishment

MATLAB software

Signal processing and communications

2016

Microwave lab kit klystron based

Measuring tube characteristics

2016

Microwave lab kit (Gunn diode)

Measuring tube characteristics

2016

Digital Storage Oscilloscope (DSO)

Process, analyse, display, stabilize and storethe wave signal

2017

Wave Guru RF and Wireless SDR

Radio communication systems

2017

Automobile 5 Gas analyser

Analyse the Pollutions from automobile

Engines

2017

All types of refrigeration systems

For providing awareness on refrigeration

systems before doing research

2017

Furnaces

  1. Muffle furnace
  2. Tilting Furnace

Preparation of composite materials

2017

SOLIDWORKS software with 80 Licenses (Modelling Software)

3 Dimensional Modelling

2017

CATIA, SIMULIA & DELMIA software with 36 licenses (Modelling Simulation and Integration software)

3 Dimensional Modelling, simulation and

Integration of manufacturing systems

2018

156 Computer (84 desktops + 72

Laptops)

Training and research work

2018

Power Quality Analyzer

Analyze the electric power signals

2018

Dspace KIT

Rapid control prototyping (RCP) and

hardware-in-the-loop (HIL) systems

2019

IGUS robots

Integration in manufacturing

2019

Journals

133 National and 68 International Journals with JGATE, Taylor & Francis, NLIST, NDLI CLUB, and DELNET subscriptions

2021

Internet Bandwidth

1 Gbps

2021

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	http://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)

5.363

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

38

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)

1.47

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

3

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://sietk.org/NAAC%20AQAR%202021-22/c3/3.2.2.pdf
List of research projects during the year	[View File](#)

3.2.3 - Number of teachers recognised as research guides

05

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

1

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	https://api.mic.gov.in/uploads/images/announcements/impact%20scheme%20-phase%20ii%20selected%20iic%20insitutions.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 institute established an Institution's Innovation Council (IIC) to promote student ideas through various awareness activities that can help advance innovative knowledge. The IIC organised 49 programs effectively in recent times and achieved a 3-star rating by the

Ministry of Human Resource Development (MHRD) in 2021-22.

An Entrepreneurship Development Cell (EDC) was established to guide and motivate students and faculty to become entrepreneurs and take on startups. This cell offers programmes to raise awareness of entrepreneurial skills among stakeholders. This cell conducted 6 programs and made 2 entrepreneurs in 2021-22.

An Industry-Academia Partnership (IAP) centre has been created in the institution to know the actual scenario in the industry and work on industry-related problems. Under this partnership, the students of various departments are working on 12 industry-related problems.

The institute is in collaboration with the Andhra Pradesh State Skill Development Corporation (APSSDC), which established seven SIEMENS-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 a Dassault 3D Experience Center, in which the students are provided skill-oriented training and made industry ready. In these laboratories, til now, 11,915 students have been trained.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.sietk.org/pdfs/IIC_RatingCertificate_2021-22.pdf

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

25

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	http://sietk.org/naac/c3/R&D_Policy.pdf
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

`142`

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

3

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	<u>http://sietk.org/NAAC%20AQAR%202021-22/c3/3.4.4%20final%20book%20chapter.pdf</u>

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

33

File Description	Documents
Any additional information	<u>View File</u>
Bibliometrics of the publications during the year	<u>View File</u>

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

64

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

3.5 - Consultancy

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

16.547

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

3.027

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 various extension activities through agencies such as NSS, clubs and societies.

NSS:The institution has an active NSS wing sanctioned by the affiliating university (JNTU, Anantapur), consisting of 100 volunteers and Mr. A Suresh, assistant professor, as a program officer. The NSS wing takes up social service activities in the nearby villages.

SHAPS:The students of the institute established a volunteer

organisation called Siddharth's Humanity and People Serving (SHAPS) Foundation to help needy people in neighbouring villages.

Skill Development Training: The institute organises various skill certification programmes like Auto 2 & 4 wheeler, Refrigeration & Air conditioning, Electronic home & Office, Electrical Home, and Computer-based training programs to enable a large number of rural youth to take up industry-relevant skill training through APSSDC

Enviro-Club: The club's main aim is to identify and solve environmental issues. In this, the students conduct various programs like preparing the Lord Ganesh statue with mud, Plantation etc.

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

All these activities have positively impacted the students' ability to develop community relationships, leadership skills, a sense of responsibility, accountability, integrity, and human values.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://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

2

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)

17

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

3075

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

1523

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)

14

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 adequate infrastructure and physical facilities for teaching - learning. Our institute is committed to impart quality education through innovative pedagogical methods with experienced faculty and state-of-the-art infrastructure. The institute has an excellent academic ambience with a well-equipped built-up area of 81,168 Sq.m. spread overa sprawling campus of 28.64 acres of land with a lush green eco-friendly environment. The institute has 24,844Sq. m of Instructional area, 5,559Sq. m of Administrative area, 34,531 Sq. m of Amenities area and 16,234 Sq.m. of Access and Circulation area, which are all adequate and exceed the AICTE prescribed norms.Our institution has a total of 95 class rooms, 47 laboratories and 6-ICT enabled seminar halls. All computer laboratories are fully equipped with the latest high configured 1235 Systems and required software. A high-speed internet connection with a capacity of 1 Gbps is available.

File Description	Documents
Upload any additional information	[View File]
Paste link for additional information	http://sietk.org/NAAC%20AQAR%202021-22/c4/4.1.1%20Geo-Tagged%20photos%202021-22.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.)

Cultural Activities:

- **The Institute celebrates Fresher's Day by encouraging students, particularly fresher's, to participate in cultural events.**
- **As part of the Annual Day Celebrations, the Institute hosts a three/five-day festival (Jubilation) that encourages students to participate in cultural events.**

Yoga:

- **The Institute has Yoga centre with an area of 301.28 Sq. m.**
- **Our Institute offers Yoga classes to students and staff members to improve human excellence, in association with ART**

OF LIVING, Bangalore.

Sports & Games:

The Institute has excellent indoor and outdoor athletic facilities. A total of 4 acres area is allocated for outdoor sports purpose and is capable of hosting national-level sporting events.

Gymnasium:

- The Institute has a centralized Gymnasium centre with an area of 57.7 Sq. m.
- The Gym of our campus has modern equipment, including Multi-Functional Tread Mills, Sit-Up Benches, and Elliptical Cross 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.
- The Institute has an open auditorium with a seating capacity of 40000.

The auditorium has an acoustic Bosch Premium sound system with two LED screens of 12x8 ft., 12K Resolution Christie Projector, 40x20 ft. silver screen, and has attractive DJ lighting system.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	http://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)

227.3

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)

- **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 1520 sq.m and can accommodate 350 users. It is automated with version 3.2 of the NEW GEN LIB, an integrated 'ILMS' library management system that supports in-house cataloguing and distribution operations through a dedicated server. The Library has a good collection of 62,332 volumes of textbooks with 11,560 titles, 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 and 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 with the following amenities.

- **Reading Room**

- **Digital Library with 30 systems**
- **Project discussion Room**
- **Binding room with reprographic facility**

Our Library has JGATE, Taylor & Francis, 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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://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)

5.68

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

2354

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 networks 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

The institution has adequate data network switches for access points. 1 Gbps of Internet connectivity is shared across the campus for the students, provided by Blue Lotus Support Services Pvt Ltd (Limras Eronet Broadband Service Pvt Ltd) and BSNL Broadband. Wired and Wi-Fi Connections are established throughout the college through network switches and 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 Blue Lotus Support Services Pvt Ltd(Limras Eronet

Broadband Service Pvt Ltd). Physical access to the server room is also limited. Only authorized persons are granted entry into the server room.

Budget

As per the IT policy of our institution, every year 15 lakhs of funds are allocated for updating the IT facility appropriately, and whenever system purchase need arises, an additional budget is allocated.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sietk.org/NAAC%20AQAR%202021-22/c4/IT%20Facility%20photos.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5325	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	http://sietk.org/NAAC%20AQAR%202021-22/c4/4.3.4_Media%20centre%20bills.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)

569

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.

Classrooms:

Classrooms, Seminar halls, Department Office, Staff rooms are cleaned and maintained hygienically. Fire extinguishers are also placed in prominent places as a safety precaution.

Laboratories:

All laboratories are well equipped and maintained for conducting laboratory courses. The facilities and infrastructure in the laboratories are based on the curriculum needs and class strength. The laboratory staffs regularly update the inventory and maintenance records. All laboratories are supported by a power backup system through a generator.

Library facility:

The library is managed by a qualified librarian and support staff. A proper record of visitors/users (students and employees) is kept daily. As part of maintenance, the Library Advisory Committee will

conduct an audit of the books prior to the start of each academic year.

Sports facilities:

The physical director and the sports committee supervise and maintain the regular maintenance of indoor and outdoor sports and game facilities.

IT Infrastructure:

Under the supervision of the IT Manager, the System Administrator and Lab Assistants effectively maintain the college's IT infrastructure such as computers and accessories. In addition, the IT manager ensures the regular validity of the software.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sietk.org/NAAC%20AQAR%202021-22/c4/4.4.2%20View%20Document.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

2836

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

265

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	http://sietk.org/NAAC%20AQAR%202021-22/c5/5.1.3.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

2345

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   **A. All of the above**

committees

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

773

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

26

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

15

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

1

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:

Institute promotes the candidature of students in academic and administrative bodies. An active Student Council comprises members to monitor Cultural, Technical, Sports and Literary events, Anti-ragging & Gender sensitization programs, NSS activities, and Alumni meetings in college. Council members and association committee members take an active role in conducting College Annual day, Sports day, traditional day and national festivals. Student Council is a representative structure in which students of the college get involved in the affairs of the college for the benefit of all the students.

The Management actively supports the student council and assists the Council in drawing up a constitution and planning and organizing its activities.

Key functions of the Student Council:

The functions and activities of a Student Council support its aims and objectives and promote the college's development and the student's welfare.

In planning and undertaking activities during the year, the Council

1 Works closely with the management, teachers and students.

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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sietk.org/NAAC%20AQAR%202021-22/c5/5.3.2 Additional.pdf

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

37

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," has a well-connected network of Alumni. The alumni support the institution in developing academics and financial contributions. The college has conducted Alumni meets since 2011 in the name of "HOME COMING" or "ALUMNI DAY" at the college campus to bring together all the old students to share their experiences with current students and faculty through workshops and guest lectures. The alumni participate actively as the Board of Studies (BOS) members give valuable suggestions for framing innovative curriculumto include the latest technologies, which help to meet the industry requirements. Alumni feedback is also a critical input to strengthen the teaching and learning environment at the institute. Our Alumni Association is

financially contributed. Currently, 4422 alumni have enrolled themselves in the association. A separate website http://alumni.siddharthgroup.ac.in/ has been maintained.

The Alumni also actively support the students on placement opportunities and pre-placement training to build the necessary skills/training. They also advise students on the importance of Internships in Industry.

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 vision of the institute focuses to emerge as one of the premier institutions through excellence in education and research. The Institute provides high-quality technical and management education to attain the vision of the institute. To fulfill this vision, the Institute offers top-notch technical and management education. A key component of engineering education research is identifying students' capacity for innovation. Modern resources foster students' capacity for original thought and strengthen their creativity in research in engineering and management education.

The Institute's governing body was formed under the guidelines specified by the JNTUA, the institution's affiliating university, and the University Grants Commission (UGC). The Principal serves as the Ex-officio member secretary, whereas the GB comprises Management members, UGC nominees, University (JNTUA) nominees, Educationalists, and Institute members. The Principal ensures that the GB makes all decisions on admission, the budget, and infrastructure. The GB meets

twice a year to review performance, and the Principal participates actively in 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.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://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 well-structured mechanism for providing operational autonomy to ensure a decentralized governance system. As a decentralization measure of general administrative responsibilities, Faculties contribute their inputs on all academic-related matters. Similarly, the faculty are involved and the in-charge of the Internal Quality Assurance Cell (IQAC), NSS Unit Cell, IAP Cell, Grievance Redressal Cell, Universal Human Values (UHV) Cell, Women Empowerment Cell, Training & Placement Cell, Institution Innovation Council etc. Faculty members are also part of various committees and clubs like the Anti-Ragging Committee, the College Academic Committee, the Ethics Committee, the Admissions Committee, the Research Advisory Committee, the SC/ST Committee, the Robotics Club etc.

The formulated cells, committees and clubs focus on the plan and implementation of different academic, student administration and related policies. At the same time, decentralization should improve the system's efficiency and quality. The management believes well-structured governance is essential to run an effective strategy for the growth and development of the Institute and enhancing its outcomes. Decentralization also helps decision-making by providing proper authority and financial power. Thus, decentralization has significantly impacted engineering education policy-making, planning, and management. The Institute includes all the stakeholders while framing various guidelines to fortify the systematic functioning of the college. Thus, the Institute promotes a participative management culture.

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	http://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 institution has a well-developed strategic strategy with established goals.

• Achieving academic success by incorporating emerging courses into the curriculum. Industry-focused curriculum with outcomes.

• Supporting innovation and the research culture Infrastructure reinforcement Strengthening activities for skill development enhancing one-on-one counselling.

• Growing faculty/staff development initiatives, gradually building sports infrastructure and culture.

• The Training and Placement Cell promotes employability.

• Sustainable and environmental initiatives generation of solar energy alumni affiliations Entrepreneurship.

• Providing welfare measuresto faculty and staff.

Quality Enhancement

• All eligible programmes have NBA accreditation. Periodically awarded NAAC accreditation online surveillance of academic activities creation of educational infrastructure

• ICT-enabled teaching

• Evaluation of the Teaching-Learning processes, including input from all stakeholders

- **Planning Professional Development Programs for the students and faculty in developing fields.**

- **Providing faculty and staff members with professional development opportunities.**

Development in Curriculum

The curriculum is validated by the duly constituted Boards of Studies and regularly revised to meet current industry standards and emerging technologies. The perspectives of all stakeholders are considered through review and reform. The Institute has an IQAC to assess the status of the Strategic Plan and Policies' execution and to take corrective actions to meet long-term objectives. Future plans are created while keeping the institution's mission in mind to achieve the vision. The strategic plan has given the fundamental academic criteria.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	http://www.sietk.org/pdfs/IIC_RatingCertificate_2021-22.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 administration is governed by the governing body, which meets periodically and adopts the budget and strategic plan.

- **To submit the proper documents for accreditation.**

- **Ensuring that the statutory requirements are met with accreditation and that the quality of education is preserved.**

- **To maintain the standard of instruction and credibility while introducing benchmark tools for performance monitoring.**

Academic Council (AC)

- **To evaluate and approve, with or without modification, the Boards of Studies' recommendations for academic rules, curriculum, syllabi,**

arrangements of instruction and evaluation, methods, and other concerns.

• To recommend new study programme proposals to the Board of Governors.

Board of Studies (BoS)

• Creating lesson plans for various courses and considering the institution's goals, stakeholders' interests, and minimum standards for consideration and approval.

• To propose a panel to the Academic Council for the nomination of Question paper authors, assessors, and examiners, among many other positions.

Service regulations, procedures, hiring practices, and promotion policies

Within the guidelines of AICTE, the State Government, and the affiliating institution, the Institute has a set of well-structured rules, regulations, and policies that the Governing Body of the Institute has authorised. The Institute's rules and regulations are periodically published and updated.

File Description	Documents
Paste link to Organogram on the institution webpage	http://www.sietk.org/organization_chart.php
Upload any additional information	View File
Paste link for additional Information	http://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 Institute takes care of its employees well. Many welfare measures are facilitated for Teaching and Non- Teaching Staff.The beneficial welfare initiatives improve employees'spiritthat encourages them to work effectively.

The Institute exhibits faith in the employees' contributions to the institution's overall development and prosperity.

Teaching Staff

- **Registration Fee, TA and On Duty are provided for taking part in International and National Conferences.**
- **Registration Fee, TA and On Duty are provided for attending workshops**
- **Membership Fee is provided to enrol membership in various professional bodies like IEEE, SAE etc.**
- **50% Transportation concession for College Bus co-ordinators Seed money is provided for research projects.**
- **12 Days of On Duty (6 Days per Semester) for professional development 3 Years of Study leave for higher education**
- **3 Days of Marriage Leave 180 Days of Maternity Leave Medical Leave**

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 ESI**

- **Medical Leave**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://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

95

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

30

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.)

245

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

The internal financial audit process is continuing. The principal will nominate new members for the internal audit committee every three years. The audit committee includes the department head, a senior faculty member, and the office accountant. The committee will verify the organization's financial account documents every six months.

External Financial Audit

Following government regulations, a chartered accountant regularly audits the college'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, with any necessary supporting documents, and within stipulated time frames.

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	http://sietk.org/downloads/audit_statement.pdf

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)

0.228

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

Mobilization of Funds

Students' tuition fees and transport fees are the primary sources of revenue. The fee is set in accordance with the AP State fee regulatory authority's guidelines. The fee is transferred into bank deposits and periodically withdrawn under the institute's requirements. The Institution's expenses are paid using fixed deposits. The Institution also utilizes the accrued interest on these fixed deposits for its requirements. The faculty's sponsored projects from Industry sponsors are another way that generates funds.

Strategies for optimal utilization of financial resources

All academic and section heads are informed to provide the annual budget requirements keeping in mind the development and updating of laboratories, computing facilities, library resources, the teaching-learning process, training, extension activities, software, etc., during the Institution's budget preparation.

AICTE fees, JNTUA fees, printing and stationery expenses, research and development costs, training and placement costs, library costs,

building maintenance costs, laboratory consumables and maintenance costs, conference, seminar, workshop, FDP, and invited lecture costs, subscriptions, building maintenance costs, repairs and maintenance costs, electricity costs, internet costs, security costs, bank fees are all covered by the budget. Social responsibility includes some financial support for charitable endeavours. The Institution supervises the budget. The previous years' budget usage reflects the Institution's efficient budgeting and optimal use.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://sietk.org/NAAC%20AQAR%202021-22/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)

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.

- Monitoring the students' performance, identifying strengths and weaknesses, behaviour and attitude, and offering 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.
- Mentors keep a detailed record of each student, which contains information about their grades, attendance, accomplishments, and parent meetings.
- 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

A lot of emphases on the teaching and learning process, and the Institute has an MOU with IIT Tirupati so the faculty may get mentoring.

- To allow specific faculty members to attend particular lectures in the classroom and participate in UG/PG lab activities.
- 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	http://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.

Example 1

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.

Example 2

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	http://www.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	http://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

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

The following Measures Initiated by the Institution for the Promotion of Gender Equity during the year

1. **Women Empowerment Cell**
2. **Women Protection Cell**
3. **Gender Champion Cell**
4. **Grievance RedressalCell**

Siddharth Institute of Engineering & Technology, Puttur, takes pride in announcing that it employs 37% of female facultymembers out of the total teaching and non-teaching faculty members working.The Institute encourages women employees to progress on par with men.

On campus, 39% of the students are girls. It is a safe place for the girl students' education, along with upholding values. 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 and Annual Day. The toppers who are girls and boys are given equal opportunities to speak at the events.

The Institute has a Gender Champion Cell,in which students from both genders are selected to keep watch on the gender sensitivity issues in the institution and report to the Grievance Redressal Cell.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.sietk.org/NAAC%20AQAR%202021-22/c7/7.1.1.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

A. Any 4 or All of the above

conservation Use of LED bulbs/ power-efficient equipment

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 following types of degradable and non-degradable waste:

Degradable Waste:

- **Solid Waste Management**
- **Liquid Waste Management**

Non-Degradable Waste:

- **Bio-Medical Waste Management**
- **e-Waste Management**

Solid waste management:

Solid waste 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, segregate and compile the waste in the dustbins (Green and Blue) provided on each floor. The floor dustbins are emptied in containers/dustbins supplied for each block and are taken to the Municipal Corporation.

Liquid waste management:

Siddharth Institution has a well-constructed drainage system connecting with a closed water tank, and the tank is cleaned regularly. In the chemistry laboratory, organic solvents are collected in a unique, chemically compatible container, securely fitted with a tight-fitting lid, and labelled as hazardous waste and safe before utilizing them.

Biomedical waste management:

Bio-chemical wastage is significantly less because of the healthy environment in the institution. The biomedical wastage produced due

to medicines used in the dispensary when the necessity arises is collected in the dustbin and safely disposed of.

E-Waste Management:

E-waste generated by electronic equipment such as motherboard discs, cartridges, Printers, etc., are adequately recycled and replaced by buying a new machine buyback option is taken for technology upgradation. The e-waste which cannot be reused or recycled is being disposed of through vendors.

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:

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

    A. Any 4 or all of the above

reading materials, screen reading, etc.

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).

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 diversitie.

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

Faculty members greet and wish one another at different festivals and occasions and invite them to bring awareness of tradition and culture. It enhances impeccable relations, religious maintenance, society, and communal harmony. Similarly, our students celebrate different festivals with joy and enthusiasm, which helps them to build social and religious harmony. The diversity in India is unique, even though India is one of the most populous countries in the world. India presents endless varieties of physical features and cultural patterns. It is the land of many languages, cultures, and traditions. To represent our Indian culture, the Institution celebrates national festivals viz., Independence Day, Engineers Day and Republic Day, and other cultural festivals along with a "Traditional Day".

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:

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 & Technology focuses explicitly on the development of human values and professional ethics among the students and also emphasizes its importance for the teaching and non-teaching employees of it. To inculcate these values, it organizes various programs for students in which they actively participate. Such programs are blood donation camps, an Anti-Ragging awareness program, Indian Constitution day, and World Environment day. Not only the students but also employees of Siddharth Institute of Engineering & Technology participate in such programs nearby rural areas and contribute towards society in their purview. Teaching and non-teaching fraternity along with students contribute to their monetary and non-monetary services during the calamities.

Professional ethics and Human values play a very prominent role in the life of teachers, students, and the institution. Educational Institutions have a predominant role in shaping society. It is very essential for every educational institution to inculcate values among the students in extending their duties and responsibilities. Teachers play a crucial role in moulding the students.

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   **A. All of the above**

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

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 & Technology have been celebrated National and International events and festivals with great enthusiasm to inculcate a sense of patriotism in the students and to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff 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 List of events and commemorative days are shown in the following table:

S.No Name of the Event National Commemorative Days 1 Teachers Day 2 Engineers Day 3 Independence Day 4 Women's Day 5 Republic Day International Commemorative Days 6 World Environment Day 7 Yoga Day 8 World Earth Day Events Organized 9 Traditional Day 10 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 too, the student's 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

http://www.sietk.org/naac/c7/7.2%20Best%20practices.pdf

File Description	Documents
Best practices in the Institutional website	http://www.sietk.org/naac/c7/7.2%20Best%20practices.pdf
Any other relevant information	http://sietk.org/NAAC%20AQAR%202021-22/c2/No%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)

Earn While Learn is a program designed to help students achieve self-sufficiency while pursuing higher education. This increases the self-assurance among the students. Students from various fields not only receive financial support for their studies, but they also gain practical experience that will help them in their future careers. This helps the students gain experience in the corporate world and develop their self-confidence and personalities. The Institution gets its admissions mainly from rural areas and economically weaker sections. To give students economic independence, and hands-on experience, develop them for future jobs and encourage them to diversify their activities beyond the syllabus, the "Earn while

Learn" program was introduced. The institution has agreements with organizations that provide job opportunities to students while they are still in school. The organizations that are giving employment to the students are:

- HICORE software consulting staffing
- dnd GLOBAL Technology & Solutions

Students are required to maintain consistent academic progress to continue in the program. Students from rural areas are properly mentored, trained, and moulded as future citizens to contribute to the nation.

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 departments couple the recent technologies and the opportunities at different levels.

Curriculum Development: Both technical and behavioural skills are imparted to the students with the following factors:

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

Outcome-Based Education (OBE) Implementation in the Curriculum: We implement a comprehensive quality methodology with the following Program Educational Objectives (PEOs). These are specific, measurable and their alignment with the Vision and Mission of the departments is regularly monitored.

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) of the NBA and the Program Specific Outcomes (PSOs) of the program.
3. OBE Implementation: Ensuring that our graduating engineers have all the 12 POs defined by the NBA.

Process for Curriculum Development: It includes the following steps:

1. Initial version - The proposed curriculum is prepared by HOD and senior faculty members.
2. Board of Studies (BOS) meeting - Put forth for expert review (industry, academia, alumni, and senior faculty members).
3. Final Draft Preparation - Amalgamation of the courses, elective courses, and value-added courses, with the existing syllabus.

4. **Forwarding for the academic council's approval**
5. **Publication on the institute website (sietk.org)**

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	http://www.sietk.org/regulations.php

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

7

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

889

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

215

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

18

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

Human Values

Both UG and PG curriculum have courses that address Intellectual Property Rights, Cyber Security, Value Education, Industrial Safety, Organizational Culture and Teamwork to promote professional Ethics amongst students. Following courses are included at different levels:

- **'Human Values & Professional Ethics' for UG programs**
- **'Human Values and Professional Ethics for Managers' and 'Business Ethics and Corporate Governance' for MBA.**

Environment and Sustainability

The Environmental Science course is mandatory for all UG programs. Air Pollution & Management, Solid Waste Management,

Environmental Impact Assessment & Management, Water Resources Systems Planning & Management are offered as elective courses in the UG program of Civil Engineering. Non-Conventional Energy Resources, Water Technology, Fundamentals of Urban Planning, Solar Photovoltaic Systems, Disaster Management and Waste to Energy are offered as Open Electives.

Induction Program

A three-week induction program was incorporated into the curriculum as per AICTE guidelines for UG programmes after R18 regulations.

Most of the faculty completed UHV – I, and some of the faculty also completed the UHV – II workshop conducted by AICTE. The college has Women Empowerment Cell, Women Protection Cell, and Gender Champion Club. Anti-Ragging Committee regularly conducts awareness programs; also, we have an active NSS committee.

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

25

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

2934

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

1536

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	http://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	http://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

1429

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)

509

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.

For all the students from I year to IV year, performance in the Mid-I examinations are considered for identifying Advanced and slow learners. Students who secure less than 60% of the marks obtained in mid-I examinations are identified as slow learners, and the remaining students are considered advanced learners. Slow and advanced learners are identified by the respective subject teacher for all the semesters, and the following activities are planned for their improvement:

Advanced learners:

- They are required to submit solutions for challenging assignments in advanced topics and tutorials involving problem-solving methodologies.
- Suggested to complete advanced courses through SWAYAM/ NPTEL platforms.
- Encouraged to participate in technical events such as hackathons, paper presentations, project expos, seminars,

and internships within and outside the campus.

- Given an opportunity to be office bearers of the department association and various professional societies to develop their communication, leadership & team-building skills.

Slow learners:

- The subject teachers conduct remedial classes with a separate timetable.
- Tutorial classes cover the problems in the subject's basics and previous end question papers.
- Students from rural backgrounds are trained in soft skills and communication skills.
- Inspirational talks by successful alumni are conducted periodically.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sietk.org/NAAC%20AQAR%202021-22/c2/No%20Additional%20Information.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2021	4107	379

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: It makes learning an experience that moves beyond the classroom and strives to bring more involved learning. Students are motivated to carry out Internships (550), Hands-on training (2010), Project Expos (304), Industrial Training/In-housing Training Programs (635), and Field Trips/Industrial

visits (313) at reputed industries/government sectors.

Participative learning: Students are encouraged to participate in
many events organized at national & international levels. Several
Seminars/Webinars (54) and Guest Lectures (6) are organized to
bridge the gap between academics and industry. Events such as
Workshops (1266), Group discussions (247), Paper
presentations/Conferences (102), and Technical Quizzes (222) are
conducted through Department Association (93) and Professional
Society activities (767). Students are also encouraged to upgrade
their knowledge by doing NPTEL (820) courses, being part of the
Industry-Academia Program (IAP), and being members of
professional societies.

Problem-solving methodologies: Students are given awareness of
Problem-solving skills so that they are ready with the basic
knowledge and other methods that could be useful for solving a
problem. Students are encouraged to develop solutions and
prototypes for certain real-time problems in the form of Code
hacking (22) and Main projects (286).

File Description	Documents
Upload any additional information	View File
Link for additional Information	http://sietk.org/NAAC%20AQAR%202021-22/c2/No%20Additional%20Information.pdf

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

ICT tools play a vital role in delivering classroom lectures to
every student. The institute provides required resources such as
a recording theatre, wide availability of computers in the
department and library, high-speed internet access of 1Gbps, ande-
resources. The faculties are trained to effectively use ICT tools
through training sessions at the institute and attending FDPs.
Using Quizziz, Google classrooms, Google sites, Google Forms,
Microsoft teams, simulation software such as 4nec2, V lab
simulator, STAAD PRO for carrying out virtual Labs, Zoom, etc.,
by the faculty and students shows the need for ICT tools in the
present era.

ICT enabled Teaching-Learning Process is supported by 86 LCD projector classrooms for teaching and 6 seminar halls for conducting seminars and workshops, access to a Digital Library, Online Courses (MOOCs, NPTEL, and Course era etc.), online journals (IEEE, J-GATE, Taylor & Francis, IETE, etc.), conducting online tests, quizzes, and productive use of educational videos. Accessibility of e-material for students of different disciplines through college websites and personal websites. Through the communication skills Lab, students with ICT tools in English Lab are given the training to acquire proficiency in listening, speaking, reading, and writing skills. Thus, faculty and students find ICT tools indispensable.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://sietk.org/NAAC%20AQAR%202021-22/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

237

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 about the future course of action. The academic committee, along with the Principal and Deans, collectively approve the Academic Calendar, which is delivered via a link on the institute's website to all department heads, faculty, and students and is posted on the notice boards of all departments. The institution has an academic calendar for different programs like B.Tech, M.Tech, MBA and MCA. It is made

available to the students and faculty before the commencement of the academic year/classwork, which is made available on the college website.

Learner-centric teaching and learning practices are implemented in the institute. Every faculty prepares a 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. This is followed by every faculty and the actions taken report of the compliance are recorded. Later, the coordinator, IQAC and heads of the departments will 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

379

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

78

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)

1565

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

14

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

170

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 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 to ensure 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 a security key only, CCTV surveillance and Backup data storage and power.
- Results module automation of examination management system.
- Complete automation of examination processes - helped monitor examination fee payment, examination schedule, seating arrangement, attendance monitoring, marks data entry, and preparation of programme-wise and course-wise results.
- Inclusion of photographs, 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.
- Calculating SGPA /CGPA and percentage of marks, backlog list, and details of students who are successfully awarded the degree.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://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 of 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 changes in curriculum and revised as per the need from time to time. COs framed are finalized and approved by the respective programmes' Board of Studies (BOS).

Program-specific outcomes (PSOs) are the accomplishments to be fulfilled by the studentsby 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 sheet and syllabus copies.
3. Every subject faculty addresses the students, creating awareness on POs, PSOs and COs at the beginning of the semester in the first class.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	[View File](#)
Link for additional Information	http://sietk.org/COs_POs_PSOs/POs%20&%20PSOs.pdf

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

Attainment of Program Outcomes and Course outcomes:

Course outcomes(COs) for each course are stated in the syllabus using Bloom's 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 programme articulation matrix is developed from the course articulation matrices of all the courses. Program Outcomes (POs) / Program specific outcomes (PSOs) attainment is determined fromDirectattainmentandIndirect attainment.PO and PSO direct attainment is considered for 80% and indirect attainment for 20%.

Direct attainmentis 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 attainmentis calculated by considering the responses obtained from Student exit, Alumni, and Employer surveys. A questionnaire is 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	http://sietk.org/NAAC%20AQAR%202021-22/c2/cse.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

837

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	http://sietk.org/Annual%20Report%20Exam/ANNUAL_REPORT_2021-22.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

http://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 research facilities are as follows.

Name of the facility Created

Used for

Year of Establishment

MATLAB software

Signal processing and communications

2016

Microwave lab kit klystron based

Measuring tube characteristics

2016

Microwave lab kit (Gunn diode)

Measuring tube characteristics

2016

Digital Storage Oscilloscope (DSO)

Process, analyse, display, stabilize and storethe wave signal

2017

Wave Guru RF and Wireless SDR

Radio communication systems

2017

Automobile 5 Gas analyser

Analyse the Pollutions from automobile

Engines

2017

All types of refrigeration systems

For providing awareness on refrigeration

systems before doing research

2017

Furnaces

   1. Muffle furnace
   2. Tilting Furnace

Preparation of composite materials

2017

SOLIDWORKS software with 80 Licenses (Modelling Software)

3 Dimensional Modelling

2017

CATIA, SIMULIA & DELMIA software with 36 licenses (Modelling Simulation and Integration software)

3 Dimensional Modelling, simulation and

Integration of manufacturing systems

2018

156 Computer (84 desktops + 72

Laptops)

Training and research work

2018

Power Quality Analyzer

Analyze the electric power signals

2018

Dspace KIT

Rapid control prototyping (RCP) and

hardware-in-the-loop (HIL) systems

2019

IGUS robots

Integration in manufacturing

2019

Journals

133 National and 68 International Journals with JGATE, Taylor & Francis, NLIST, NDLI CLUB, and DELNET subscriptions

2021

Internet Bandwidth

1 Gbps

2021

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	http://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)

5.363

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

38

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)

1.47

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

3

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://sietk.org/NAAC%20AQAR%202021-22/c3/3.2.2.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

05

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

1

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://api.mic.gov.in/uploads/images/announcements/impact%20scheme%20-phase%20ii%20selected%20iic%20insitutions.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 institute established an Institution's Innovation Council (IIC) to promote student ideas through various awareness activities that can help advance innovative knowledge. The IIC

organised 49 programs effectively in recent times and achieved a 3-star rating by the Ministry of Human Resource Development (MHRD) in 2021-22.

An Entrepreneurship Development Cell (EDC) was established to guide and motivate students and faculty to become entrepreneurs and take on startups. This cell offers programmes to raise awareness of entrepreneurial skills among stakeholders. This cell conducted 6 programs and made 2 entrepreneurs in 2021-22.

An Industry-Academia Partnership (IAP) centre has been created in the institution to know the actual scenario in the industry and work on industry-related problems. Under this partnership, the students of various departments are working on 12 industry-related problems.

The institute is in collaboration with the Andhra Pradesh State Skill Development Corporation (APSSDC), which established seven SIEMENS-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 a Dassault 3D Experience Center, in which the students are provided skill-oriented training and made industry ready. In these laboratories, til now, 11,915 students have been trained.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://www.sietk.org/pdfs/IIC_RatingCertificate_2021-22.pdf

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

25

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	http://sietk.org/naac/c3/R&D_Policy.pdf
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

142

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

3

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sietk.org/NAAC%20AQAR%202021-22/c3/3.4.4%20final%20book%20chapter.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

33

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

64

File Description	Documents
Bibiliometrics 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)

16.547

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

3.027

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 various extension activities through agencies such as NSS, clubs and societies.

NSS:The institution has an active NSS wing sanctioned by the affiliating university (JNTU, Anantapur), consisting of 100 volunteers and Mr. A Suresh, assistant professor, as a program officer. The NSS wing takes up social service activities in the nearby villages.

SHAPS:The students of the institute established a volunteer organisation called Siddharth's Humanity and People Serving (SHAPS) Foundation to help needy people in neighbouring villages.

Skill Development Training: The institute organises various skill certification programmes like Auto 2 & 4 wheeler, Refrigeration & Air conditioning, Electronic home & Office, Electrical Home, and Computer-based training programs to enable a large number of rural youth to take up industry-relevant skill training through APSSDC

Enviro-Club: The club's main aim is to identify and solve environmental issues. In this, the students conduct various programs like preparing the Lord Ganesh statue with mud, Plantation etc.

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

All these activities have positively impacted the students' ability to develop community relationships, leadership skills, a sense of responsibility, accountability, integrity, and human values.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://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

2

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)

17

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

3075

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

1523

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)

14

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 adequate infrastructure and physical facilities for teaching - learning. Our institute is committed to impart quality education through innovative pedagogical methods with experienced faculty and state-of-the-art infrastructure. The institute has an excellent academic ambience with a well-equipped built-up area of 81,168 Sq.m. spread overa sprawling campus of 28.64 acres of land with a lush green eco-friendly environment. The institute has 24,844Sq. m of Instructional area, 5,559Sq. m of Administrative area, 34,531 Sq. m of Amenities area and 16,234 Sq.m. of Access and Circulation area, which are all adequate and exceed the AICTE prescribed norms.Our institution has a total of 95 class rooms, 47 laboratories and 6-ICT enabled seminar halls. All computer laboratories are fully equipped with the latest high configured 1235 Systems and required software. A high-speed internet connection with a capacity of 1 Gbps is available.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://sietk.org/NAAC%20AQAR%202021-22/c4/ 4.1.1%20Geo-Tagged%20photos%202021-22.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.)

Cultural Activities:

- The Institute celebrates Fresher's Day by encouraging students, particularly fresher's, to participate in cultural events.
- As part of the Annual Day Celebrations, the Institute hosts a three/five-day festival (Jubilation) that encourages students to participate in cultural events.

Yoga:

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

Sports & Games:

The Institute has excellent indoor and outdoor athletic facilities. A total of 4 acres area is allocated for outdoor sports purpose and is capable of hosting national-level sporting events.

Gymnasium:

- The Institute has a centralized Gymnasium centre with an area of 57.7 Sq. m.
- The Gym of our campus has modern equipment, including Multi-Functional Tread Mills, Sit-Up Benches, and Elliptical Cross 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.
- The Institute has an open auditorium with a seating capacity of 40000.

The auditorium has an acoustic Bosch Premium sound system with two LED screens of 12x8 ft., 12K Resolution Christie Projector, 40x20 ft. silver screen, and has attractive DJ lighting system.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	http://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)

227.3

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)

- **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 1520 sq.m and can accommodate 350

users. It is automated with version 3.2 of the NEW GEN LIB, an integrated 'ILMS' library management system that supports in-house cataloguing and distribution operations through a dedicated server. The Library has a good collection of 62,332 volumes of textbooks with 11,560 titles, 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 and 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 with the following amenities.

- Reading Room
- Digital Library with 30 systems
- Project discussion Room
- Binding room with reprographic facility

Our Library has JGATE, Taylor & Francis, 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.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://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)

5.68

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

2354

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 networks 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

The institution has adequate data network switches for access points. 1 Gbps of Internet connectivity is shared across the campus for the students, provided by Blue Lotus Support Services Pvt Ltd (Limras Eronet Broadband Service Pvt Ltd) and BSNL

Broadband. Wired and Wi-Fi Connections are established throughout the college through network switches and 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 Blue Lotus Support Services Pvt Ltd(Limras Eronet Broadband Service Pvt Ltd). Physical access to the server room is also limited. Only authorized persons are granted entry into the server room.

Budget

As per the IT policy of our institution, every year 15 lakhs of funds are allocated for updating the IT facility appropriately, and whenever system purchase need arises, an additional budget is allocated.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sietk.org/NAAC%20AQAR%202021-22/c4/IT%20Facility%20photos.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5325	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	http://sietk.org/NAAC%20AQAR%202021-22/c4/4.3.4_Media%20centre%20bills.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)

569

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.

Classrooms:

Classrooms, Seminar halls, Department Office, Staff rooms are cleaned and maintained hygienically. Fire extinguishers are also placed in prominent places as a safety precaution.

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Laboratories:

All laboratories are well equipped and maintained for conducting
laboratory courses. The facilities and infrastructure in the
laboratories are based on the curriculum needs and class
strength. The laboratory staffs regularly update the inventory
and maintenance records. All laboratories are supported by a
power backup system through a generator.

Library facility:

The library is managed by a qualified librarian and support
staff. A proper record of visitors/users (students and employees)
is kept daily. As part of maintenance, the Library Advisory
Committee will conduct an audit of the books prior to the start
of each academic year.

Sports facilities:

The physical director and the sports committee supervise and
maintain the regular maintenance of indoor and outdoor sports and
game facilities.

IT Infrastructure:

Under the supervision of the IT Manager, the System Administrator
and Lab Assistants effectively maintain the college's IT
infrastructure such as computers and accessories. In addition,
the IT manager ensures the regular validity of the software.
```

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://sietk.org/NAAC%20AQAR%202021-22/c4/4.4.2%20View%20Document.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

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2836
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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

265

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	http://sietk.org/NAAC%20AQAR%202021-22/c5/5.1.3.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

2345

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

773

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

26

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

15

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

1

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:

Institute promotes the candidature of students in academic and administrative bodies. An active Student Council comprises members to monitor Cultural, Technical, Sports and Literary

events, Anti-ragging & Gender sensitization programs, NSS activities, and Alumni meetings in college. Council members and association committee members take an active role in conducting College Annual day, Sports day, traditional day and national festivals. Student Council is a representative structure in which students of the college get involved in the affairs of the college for the benefit of all the students.

The Management actively supports the student council and assists the Council in drawing up a constitution and planning and organizing its activities.

Key functions of the Student Council:

The functions and activities of a Student Council support its aims and objectives and promote the college's development and the student's welfare.

In planning and undertaking activities during the year, the Council

1 Works closely with the management, teachers and students.

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

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://sietk.org/NAAC%20AQAR%202021-22/c5/5.3.2_Additional.pdf

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

37

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," has a well-connected network of Alumni. The alumni support the institution in developing academics and financial contributions. The college has conducted Alumni meets since 2011 in the name of "HOME COMING" or "ALUMNI DAY" at the college campus to bring together all the old students to share their experiences with current students and faculty through workshops and guest lectures. The alumni participate actively as the Board of Studies (BOS) members give valuable suggestions for framing innovative curriculumto include the latest technologies, which help to meet the industry requirements. Alumni feedback is also a critical input to strengthen the teaching and learning environment at the institute. Our Alumni Association is financially contributed. Currently, 4422 alumni have enrolled themselves in the association. A separate website http://alumni.siddharthgroup.ac.in/ has been maintained.

The Alumni also actively support the students on placement opportunities and pre-placement training to build the necessary skills/training. They also advise students on the importance of Internships in Industry.

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 vision of the institute focuses to emerge as one of the premier institutions through excellence in education and research. The Institute provides high-quality technical and management education to attain the vision of the institute. To fulfill this vision, the Institute offers top-notch technical and management education. A key component of engineering education research is identifying students' capacity for innovation. Modern resources foster students' capacity for original thought and strengthen their creativity in research in engineering and management education.

The Institute's governing body was formed under the guidelines specified by the JNTUA, the institution's affiliating university, and the University Grants Commission (UGC). The Principal serves as the Ex-officio member secretary, whereas the GB comprises Management members, UGC nominees, University (JNTUA) nominees, Educationalists, and Institute members. The Principal ensures that the GB makes all decisions on admission, the budget, and infrastructure. The GB meets twice a year to review performance, and the Principal participates actively in 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.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	http://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 well-structured mechanism for providing operational autonomy to ensure a decentralized governance system. As a decentralization measure of general administrative responsibilities, Faculties contribute their inputs on all academic-related matters. Similarly, the faculty are involved and the in-charge of the Internal Quality Assurance Cell (IQAC), NSS Unit Cell, IAP Cell, Grievance Redressal Cell, Universal Human Values (UHV) Cell, Women Empowerment Cell, Training & Placement Cell, Institution Innovation Council etc. Faculty members are also part of various committees and clubs like the Anti-Ragging Committee, the College Academic Committee, the Ethics Committee, the Admissions Committee, the Research Advisory Committee, the SC/ST Committee, the Robotics Club etc.

The formulated cells, committees and clubs focus on the plan and implementation of different academic, student administration and related policies. At the same time, decentralization should improve the system's efficiency and quality. The management believes well-structured governance is essential to run an effective strategy for the growth and development of the Institute and enhancing its outcomes. Decentralization also helps decision-making by providing proper authority and financial power. Thus, decentralization has significantly impacted engineering education policy-making, planning, and management. The Institute includes all the stakeholders while framing various guidelines to fortify the systematic functioning of the college. Thus, the Institute promotes a participative management culture.

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	http://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 institution has a well-developed strategic strategy with established goals.

• Achieving academic success by incorporating emerging courses into the curriculum. Industry-focused curriculum with outcomes.

• Supporting innovation and the research culture Infrastructure reinforcement Strengthening activities for skill development enhancing one-on-one counselling.

• Growing faculty/staff development initiatives, gradually building sports infrastructure and culture.

• The Training and Placement Cell promotes employability.

• Sustainable and environmental initiatives generation of solar energy alumni affiliations Entrepreneurship.

• Providing welfare measuresto faculty and staff.

Quality Enhancement

• All eligible programmes have NBA accreditation. Periodically awarded NAAC accreditation online surveillance of academic activities creation of educational infrastructure

• ICT-enabled teaching

• Evaluation of the Teaching-Learning processes, including input from all stakeholders

• Planning Professional Development Programs for the students and faculty in developing fields.

• Providing faculty and staff members with professional development opportunities.

Development in Curriculum

The curriculum is validated by the duly constituted Boards of Studies and regularly revised to meet current industry standards and emerging technologies. The perspectives of all stakeholders are considered through review and reform. The Institute has an

IQAC to assess the status of the Strategic Plan and Policies' execution and to take corrective actions to meet long-term objectives. Future plans are created while keeping the institution's mission in mind to achieve the vision. The strategic plan has given the fundamental academic criteria.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.sietk.org/pdfs/IIC_RatingCertificate_2021-22.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 administration is governed by the governing body, which meets periodically and adopts the budget and strategic plan.

• To submit the proper documents for accreditation.

• Ensuring that the statutory requirements are met with accreditation and that the quality of education is preserved.

• To maintain the standard of instruction and credibility while introducing benchmark tools for performance monitoring.

Academic Council (AC)

• To evaluate and approve, with or without modification, the Boards of Studies' recommendations for academic rules, curriculum, syllabi, arrangements of instruction and evaluation, methods, and other concerns.

• To recommend new study programme proposals to the Board of Governors.

Board of Studies (BoS)

• Creating lesson plans for various courses and considering the institution's goals, stakeholders' interests, and minimum standards for consideration and approval.

• **To propose a panel to the Academic Council for the nomination of Question paper authors, assessors, and examiners, among many other positions.**

Service regulations, procedures, hiring practices, and promotion policies

Within the guidelines of AICTE, the State Government, and the affiliating institution, the Institute has a set of well-structured rules, regulations, and policies that the Governing Body of the Institute has authorised. The Institute's rules and regulations are periodically published and updated.

File Description	Documents
Paste link to Organogram on the institution webpage	http://www.sietk.org/organization_chart.php
Upload any additional information	View File
Paste link for additional Information	http://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 Institute takes care of its employees well. Many welfare

measures are facilitated for Teaching and Non- Teaching Staff.The beneficial welfare initiatives improve employees'spiritthat encourages them to work effectively.

The Institute exhibits faith in the employees' contributions to the institution's overall development and prosperity.

Teaching Staff

- Registration Fee, TA and On Duty are provided for taking part in International and National Conferences.
- Registration Fee, TA and On Duty are provided for attending workshops
- Membership Fee is provided to enrol membership in various professional bodies like IEEE, SAE etc.
- 50% Transportation concession for College Bus co-ordinators Seed money is provided for research projects.
- 12 Days of On Duty (6 Days per Semester) for professional development 3 Years of Study leave for higher education
- 3 Days of Marriage Leave 180 Days of Maternity Leave Medical Leave

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 ESI
- Medical Leave

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	http://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

95

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

30

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.)

245

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

The internal financial audit process is continuing. The principal will nominate new members for the internal audit committee every three years. The audit committee includes the department head, a senior faculty member, and the office accountant. The committee will verify the organization's financial account documents every six months.

External Financial Audit

Following government regulations, a chartered accountant regularly audits the college'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, with any necessary supporting documents, and within stipulated time frames.

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	http://sietk.org/downloads/audit_statement.pdf

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)

0.228

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

```
Mobilization of Funds

Students' tuition fees and transport fees are the primary sources
of revenue. The fee is set in accordance with the AP State fee
regulatory authority's guidelines. The fee is transferred into
bank deposits and periodically withdrawn under the institute's
requirements. The Institution's expenses are paid using fixed
deposits. The Institution also utilizes the accrued interest on
these fixed deposits for its requirements. The faculty's
sponsored projects from Industry sponsors are another way that
generates funds.

Strategies for optimal utilization of financial resources

All academic and section heads are informed to provide the annual
budget requirements keeping in mind the development and updating
of laboratories, computing facilities, library resources, the
teaching-learning process, training, extension activities,
software, etc., during the Institution's budget preparation.

AICTE fees, JNTUA fees, printing and stationery expenses,
research and development costs, training and placement costs,
library costs, building maintenance costs, laboratory consumables
and maintenance costs, conference, seminar, workshop, FDP, and
invited lecture costs, subscriptions, building maintenance costs,
repairs and maintenance costs, electricity costs, internet costs,
security costs, bank fees are all covered by the budget. Social
responsibility includes some financial support for charitable
endeavours. The Institution supervises the budget. The previous
years' budget usage reflects the Institution's efficient
budgeting and optimal use.
```

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://sietk.org/NAAC%20AQAR%202021-22/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)

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.

- Monitoring the students' performance, identifying strengths and weaknesses, behaviour and attitude, and offering 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.
- Mentors keep a detailed record of each student, which contains information about their grades, attendance, accomplishments, and parent meetings.
- 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

A lot of emphases on the teaching and learning process, and the Institute has an MOU with IIT Tirupati so the faculty may get mentoring.

- To allow specific faculty members to attend particular lectures in the classroom and participate in UG/PG lab activities.
- 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	http://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.

Example 1

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.

Example 2

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	[http://www.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	[http://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

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

The following Measures Initiated by the Institution for the Promotion of Gender Equity during the year

1. **Women Empowerment Cell**
2. **Women Protection Cell**
3. **Gender Champion Cell**
4. **Grievance RedressalCell**

Siddharth Institute of Engineering & Technology, Puttur, takes pride in announcing that it employs 37% of female facultymembers out of the total teaching and non-teaching faculty members working.The Institute encourages women employees to progress on par with men.

On campus, 39% of the students are girls. It is a safe place for the girl students' education, along with upholding values. 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 and Annual Day. The toppers who are girls and boys are given equal opportunities to speak at the events.

The Institute has a Gender Champion Cell,in which students from both genders are selected to keep watch on the gender sensitivity issues in the institution and report to the Grievance Redressal Cell.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://www.sietk.org/NAAC%20AQAR%202021-22/c7/7.1.1.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 following types of degradable and non-

degradable waste:

Degradable Waste:

- Solid Waste Management
- Liquid Waste Management

Non-Degradable Waste:

- Bio-Medical Waste Management
- e-Waste Management

Solid waste management:

Solid waste 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, segregate and compile the waste in the dustbins (Green and Blue) provided on each floor. The floor dustbins are emptied in containers/dustbins supplied for each block and are taken to the Municipal Corporation.

Liquid waste management:

Siddharth Institution has a well-constructed drainage system connecting with a closed water tank, and the tank is cleaned regularly. In the chemistry laboratory, organic solvents are collected in a unique, chemically compatible container, securely fitted with a tight-fitting lid, and labelled as hazardous waste and safe before utilizing them.

Biomedical waste management:

Bio-chemical wastage is significantly less because of the healthy environment in the institution. The biomedical wastage produced due to medicines used in the dispensary when the necessity arises is collected in the dustbin and safely disposed of.

E-Waste Management:

E-waste generated by electronic equipment such as motherboard discs, cartridges, Printers, etc., are adequately recycled and replaced by buying a new machine buyback option is taken for technology upgradation. The e-waste which cannot be reused or recycled is being disposed of through vendors.

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).

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 diversitie.

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

Faculty members greet and wish one another at different festivals and occasions and invite them to bring awareness of tradition and culture. It enhances impeccable relations, religious maintenance, society, and communal harmony. Similarly, our students celebrate different festivals with joy and enthusiasm, which helps them to build social and religious harmony. The diversity in India is unique, even though India is one of the most populous countries in the world. India presents endless varieties of physical features and cultural patterns. It is the land of many languages, cultures, and traditions. To represent our Indian culture, the Institution celebrates national festivals viz., Independence Day, Engineers Day and Republic Day, and other cultural festivals along with a "Traditional Day".

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:

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 & Technology focuses explicitly on the development of human values and professional ethics among the students and also emphasizes its importance for the teaching and non-teaching employees of it. To inculcate these values, it organizes various programs for students in which they actively participate. Such programs are blood donation camps, an Anti-Ragging awareness program, Indian Constitution day, and World Environment day. Not only the students but also employees of Siddharth Institute of Engineering & Technology participate in such programs nearby rural areas and contribute towards society in their purview. Teaching and non-teaching fraternity along with students contribute to their monetary and non-monetary services during the calamities.

Professional ethics and Human values play a very prominent role in the life of teachers, students, and the institution. Educational Institutions have a predominant role in shaping society. It is very essential for every educational institution to inculcate values among the students in extending their duties and responsibilities. Teachers play a crucial role in moulding the students.

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,	**A. All of the above**

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

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 & Technology have been celebrated National and International events and festivals with great enthusiasm to inculcate a sense of patriotism in the students and to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff 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 List of events and commemorative days are shown in the following table:

S.No Name of the Event National Commemorative Days 1 Teachers Day 2 Engineers Day 3 Independence Day 4 Women's Day 5 Republic Day International Commemorative Days 6 World Environment Day 7 Yoga Day 8 World Earth Day Events Organized 9 Traditional Day 10

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 too, the student's 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

http://www.sietk.org/naac/c7/7.2%20Best%20practices.pdf

File Description	Documents
Best practices in the Institutional website	http://www.sietk.org/naac/c7/7.2%20Best%20practices.pdf
Any other relevant information	http://sietk.org/NAAC%20AQAR%202021-22/c2/No%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)

Earn While Learn is a program designed to help students achieve self-sufficiency while pursuing higher education. This increases the self-assurance among the students. Students from various fields not only receive financial support for their studies, but they also gain practical experience that will help them in their

future careers. This helps the students gain experience in the corporate world and develop their self-confidence and personalities. The Institution gets its admissions mainly from rural areas and economically weaker sections. To give students economic independence, and hands-on experience, develop them for future jobs and encourage them to diversify their activities beyond the syllabus, the "Earn while Learn" program was introduced. The institution has agreements with organizations that provide job opportunities to students while they are still in school. The organizations that are giving employment to the students are:

- HICORE software consulting staffing
- dnd GLOBAL Technology & Solutions

Students are required to maintain consistent academic progress to continue in the program. Students from rural areas are properly mentored, trained, and moulded as future citizens to contribute to the nation.

File Description	Documents
Appropriate link in the institutional website	http://sietk.org/naac/c7/7.3-%20Institute%20Distinctiveness.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 2022-23

1. To prepare an academic calendar at the beginning of the academic year and execute it stringently.
2. To improve the infrastructure by constructing new blocks and improving facilities in the existing blocks.
3. To improve exposure and inculcate an entrepreneurial mindset in the students & faculty in Science & Technology.
4. To increase the number of ICT-enabled smart classrooms available to students in all the departments
5. To encourage faculty members to undertake and successfully implement minor and major projects through the active involvement of students.
6. To conduct extension and outreach activities through National Service Scheme (NSS)
7. To encourage faculty, to register for Ph.D. and increase their research aptitude through participation in seminars,

workshops, and conferences.

8. To organize a blood donation camp (through NSS).
9. To conduct various co- and extra-curricular activities for students
10. To conduct yearly cultural and sports activities and annual prize distribution.
11. To provide opportunities for the needy, and sincere students in the learning stage, through its "Earn while Learn" program, thereby strengthening its qualitative student base.