



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

**KHALSA IBRAHIMPATNAM, SHERIGUDA (VILLAGE), IBRAHIMPATNAM
(MANDAL), RANAGAREDDY DIST.**

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Sri Indu Institute of Engineering & Technology(SIIET) was established by Global Trendset Educational Society, Vanasthalipuram, Hyderabad in the year 2006. The Institute commenced its functioning with an annual intake of 240 students comprising 4 branches of Engineering (Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering and Information Technology) for the Academic Year 2007-2008. The Institute has gradually increased its annual strength as on date to UG-B.Tech-600 students for the Academic Year 2020-21.

The primordial objective of the Institute paves the way for a platform for pupils in the field of Technology along with management applications for their academic as well as the overall growth. SIIET is situated on the outskirts of Hyderabad with serene atmosphere coupled with green belts with a stretch of 11.14 acres. The Campus is fully equipped with academic excellence of proven faculty and the overall personality growth of student community in honing their talents. The present courses include Computer Science and Engineering (Cyber Security), Computer Science and Engineering (Internet of Things) and Computer Science and Engineering (Artificial Intelligence and Machine Learning). Besides these courses the institute offers 2nd shift Polytechnic (Diploma) course with 2 branches in 2013-14 and presently running with 4 branches.

The Institution continues to have the saga to prosper due to keenness and strenuous efforts of the Management, dedicated faculty, students and the Administrative personnel. Several distinguished personalities including Nobel laureate Sri. Kailash Satyarthi and global celebrities bestowed their guidance and showered blessings.

As a result of imparting quality education and the excellent infrastructure, it's our privilege to proclaim that our institute occupied a place in the elite top Engineering Colleges in Telangana not only in admissions but also in the placements at the global level including Multi National Companies. Since Telangana has become a technical hub of the country, our contribution is immense and we play a pivotal role and many neighboring state students are opting for education as our college is technically driven and research-oriented.

Vision

To become a premier institute of academic excellence by providing the world class education that transforms individuals into high intellectuals, by evolving them as empathetic and responsible citizens through continuous improvement.

Mission

- To offer outcome-based education and enhancement of technical and practical skills.
- To Continuous assess of teaching-learning process through institute-industry collaboration.
- To be a centre of excellence for innovative and emerging fields in technology development with state-of-art facilities to faculty and students' fraternity.
- To Create an enterprising environment to ensure culture, ethics and social responsibility among the

stakeholders.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. The Management is committed to bring high levels of quality in every aspect of institution.
2. Highly qualified faculty with experience and expertise.
3. Good team work of the faculty and staff.
4. Enrichment of Curriculum through value added courses beyond the syllabus.
5. Infrastructure which includes laboratories, ICT classrooms, sports and games.
6. Provides Industry oriented Training programs for student community.
7. Focus is laid on R&D activities related to publishing the research papers.
8. Recognized by UGC under section 2(f) of UGC act 1956..
9. Students get benefited through the participation of curricular as well as Co-curricular activities.
10. The MOUs with renowned industrial and research organizations.

Institutional Weakness

1. Cutting edge Research infrastructure in Research and Development.
2. Inflexibility of academic structure and curriculum.
3. Being a self-financed institution the government funding is conservative.
4. Industrial Consultancy.

Institutional Opportunity

1. To compare with best Institutions in Hyderabad.
2. To attain funding projects from AICTE, UGC, RCI, DRDL, DST etc.
3. To develop collaborative programs with industry and R&D organizations.
4. The Institution is privileged to apply for the UGC Autonomous status based on the results of NAAC.
5. To train students in PSUs like ECIL, BEL,HAL, BHEL, DRDO etc.
6. To bring campus drives from reputed software and core companies like Microsoft, Google, TCS, Wipro, L&T, Reliance Industries etc.

Institutional Challenge

1. Development of curriculum.
2. Competing with already established institutes in surrounding areas.
3. Research funding from government and private agencies.
4. Modernizing labs with advances in Technology and Industry growth.
5. Attracting top rank students for admissions.
6. Involvement of Alumni.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Sri Indu Institute of Engineering and Technology (SIET) is an affiliated college adheres to the curriculum prescribed by the Jawaharlal Nehru Technological University Hyderabad (JNTUH). The Institute delivers the curriculum according to department calendar which is prepared in accordance with institute's calendar followed by academic calendar of the university. The institute also caters the needs of the students with regarding add-on programs, value added Courses and Certificate courses to bridge the gap between curriculum and the industry needs.

The institute's Vision and Mission statements, PEOs, POs, PSOs and COs are exhibited at appropriate locations so as to reach the stakeholders. The Institute has strategic planning for effective implementation of the curriculum by focusing ICT based delivery. Besides, the activity is made comprising curricular, co-curricular and extra-curricular activities. Every faculty member with proper planning does the course contents, course outcomes and identification of curriculum gaps that are based on pre defined POs and COs keeping in line with the vision and mission of the institute. The academic flexibility is provided to the students by offering various elective courses. The final year students undergo field projects and internships every year.

The faculty members are encouraged to take part in Faculty Development Programs, Seminars and Workshops conducted by renowned institutions. The institution invites experts from the established Organizations in order to conduct various skill development training programs for the benefit of the students as well as the faculty. For the improvement of the quality, frequently the feedback is collected from all the stakeholders like students, parents, alumni and employers about the academic performance and completion of the syllabus.

The faculty members are instructed to prepare course file and provide the same for the students on the commencement of the semester. The course file contains course outcomes, syllabus, and complete schedule of the topics that are to be covered during the semester period. Apart from the above students are encouraged and supported by the training and placement department which undertakes internships and industry related programs.

Teaching-learning and Evaluation

SIJET adopts and strictly follows all the norms of JNTUH in enrolling the students in accordance with the seats sanctioned. Students of the reservation category are admitted to the institution based on the regulations framed by the State Government. Besides, SIJET organizes Orientation Program to enable them to understand the basics of all subjects of first year UG program. SIJET is very keen in identifying the advanced, slow learners and frames special programs to enhance their academic skills. Advanced learners have the programs like AI & ML, PYTHON, AMCAT, AWS and Soft skills and aptitude. Slow learners attend remedial classes and their performance is continuously monitored for each subject. SIJET follows the student-faculty ratio as per the norms of the AICTE. To enhance the teaching-learning experiences of the students, they include Experiential, Participative learning and Problem-solving methods. All the classrooms and laboratories are equipped with ICT facilities like projectors, LED screens to provide more effective, efficient teaching and training.

SIJET has a student and mentor ratio of 20:1 as per the norms of affiliated university. All the mentors are very keen in providing moral support to the students in their academics and in personal aspects too if necessary. SIJET maintains 100% fulfilment of posts sanctioned for full-time teachers. Internal Question papers are framed based on the BLOOMS TAXONOMY. All the data pertaining to the pass percentage of the students is maintained in the examination branch. Students are free to bring the grievances pertaining to valuation and results and the same are solved within a day. SIJET conducts internal examinations twice per semester in offline mode. The major and mini projects done by the students are reviewed twice and technical seminars are reviewed once. Students who are desirous of improving want to improve their performance and the absentees of the examinations can attend CBT (Computer Based Test) and cover the lapses. SIJET takes utmost care about 100% attainment COs and POs by students of all B.Tech Programs. SIJET conducts online survey of the students regarding teaching, learning process and required measures for improvement are implemented immediately.

Research, Innovations and Extension

SIJET has a well infrastructure with Research and Development Cell and computational amenities to carry out Research & Development activities. Institution has made financial provisions to cater the needs of Research. The faculties are duly identified and encouraged to participate in various Seminars/workshops/Conferences and to keep abreast of latest knowledge and technology. The institution has taken a proactive measure to implement the R&D activities such as Conferences/workshops/faculty development programs during the last five years. Faculties are provided financial assistance and encouraged to present Papers in conferences and to publish the books. Faculties have published research papers in UGC approved journals during the last five years. Faculties have published books in reputed publications. The Institution encourages faculty members to pursue PhD for their career growth and advancement. The institute has good infrastructure facilities in terms of research laboratories and library resources. In order to create research culture among students and faculty Institution has established Entrepreneurship Development Cell through which students interact with successful entrepreneurs. In the past 5 years, a good number of extension activities and outreach programs were conducted through NSS. The institution has several collaborative works in the form of internship, field trip and research activities through department collaborations with industries and professional bodies. The institution has MOUs with the industries which provide research extension activities.

Infrastructure and Learning Resources

The Institute has a sprawling area of 11.14 acres with a built up area of about 21,708 Sq m with spacious structures for class rooms, labs, drawing Halls, board room, Faculty cabins, conference halls, seminar halls for all the Departments, exclusive Training & Placement Cell, Examination Branch, ample space for outdoor and indoor activities, ramps and lift for physically disable students, Library and other administrative offices. Almost class rooms have been equipped with ICT facility. The Institution has state-of-the art Laboratories with sophisticated Infrastructure. As the veritable abode of knowledge, the library houses 3980 titles, 19073 Volumes of books. It has a collection of back volumes, project reports and print journals, magazines, NPTEL material etc. Digital library services unit has 10 advanced computers with a 100 Mbps internet connection. The Institution has the practice of collecting and maintaining rare books, manuscripts, and special reports or any other knowledge resources to benefit students and faculty for their knowledge enhancement, research and exploring new things apart from the standard books. Details of collection of some of the rare books, manuscripts, competitive examinations books such as IELTS, GATE, GRE etc. are maintained properly. Also, the librarian places orders for all required books as per the needs of the students. Institution has very strong IT infrastructure facilities in terms of hardware, software and regularly updates as per needs. The Institution has massive network of 830 high configured computers with 100Mbps leased internet connectivity to fulfill the academic and research needs. For maintenance of campus facilities, the Institution has framed various committees, who constantly look after the general civil maintenance and up keeping of infrastructure, garden, security and the surroundings of in and around the Campus. Emergency exits and fire fighting system are provided to counter situations like fire hazard and natural calamities. Adequate facilities for outdoor and indoor games, separate room for Yoga and Meditation are also available. Two Purified RO Water Plants are catering the needs of all the students, faculty and supporting staff.

Student Support and Progression

Sri Indu Institute of Engineering and Technology conducts innumerable student support activities which include academic, co-curricular & extracurricular for the academic progress and to have better exposure for students in Higher Education along with Employment. Besides the scholarship provided by the government of Telangana, the institute extends financial support to the economically deprived students who are meritorious.

The institute provides guidance for the students to support with regarding the competitive exams like GRE, GMAT, CAT, TOEFL and IELTS. More than 500 students have utilized the guidance opportunity. For the overall growth of the students career counseling is also offered and emphasis is laid on slow learners with regarding remedial classes. They are motivated and encouraged as far as soft skills training and advanced communication skills are concerned.

So as to make the student technically competitive along with communication skills and interview skills, pre-placement training with renowned agencies was conducted. There is a transparent mechanism for the redressal of their grievances with regarding anti-raging & sexual harassment. SIJET also conducts Alumni Association which meets every year and provides guidance to the present students by delivering guest lectures, conducting workshops and arranging seminars and symposiums. All the stakeholders are involved while conducting Technofest, student clubs, Cultural Events and Sports & Games in Inter-college fests organized by nearby colleges.

The institute also celebrates various occasions viz Teachers Day, Independence Day, Republic Day and many more. The Entrepreneurship Development Cell is working with a sole aim of motivating the students who aspire to be entrepreneur. A number of awards and medals were given for outstanding performance in sports and cultural activities both at state and national level. Along with these, the operations of the institution are

reflected through the maintenance of Minutes of Meeting and implementation of their resolutions.

Governance, Leadership and Management

Governance of the institution is highly enabling and empowering at all levels. All policies in the matter of planning human resources, recruitment, training, performance appraisal and financial management are carried out systematically considering the overall interests of the institution and stakeholders. The institution has a well-defined administrative structure for effective governance and for building the organizational culture. Main body of the administrative structure comprises the Governing Body, Principal and Academic Committee.

The institution functions with de-centralized administration that has complete transparency in decision making process. The Governing Body has delegated powers to the Principal to conduct academic institutional development, curricular, co-curricular and extra-curricular activities. Principal is the head of the institution to plan and execute the activities of academic and administrative responsibilities through the various committees. The Principal in turn has to delegate certain powers to HODs and office staff.

Academic Committee is monitoring the human resource planning; Adequacy of resources needed to department and execute the same to the every department, which are addressed by the department. Thus, all the stakeholders are involved in achieving the Vision and Mission of the institution. The institution has to improve the quality in education with the IQAC. For sustaining the quality of institution, experts from industry and academia are involved as member in the IQAC cell. IQAC initiates the quality improvement programmes such as Faculty Development Programme, Workshop and Training Programmes for the staff and students along with conducting the Technoera events every year.

The Performance appraisal system is implemented to all the employees to have accountability. The institute adopts welfare of the staff by providing health insurance and free transportation, etc. The institution is working towards paperless office through its e-governance and all sections of the college use modern software to carry out day-to-day activities smoothly and effectively. Financial management of the institution is transparent and follows the established norms with respect to resource mobilization, allocation of budget and utilization. There will be regular internal as well as external audit of income and expenditure.

Institutional Values and Best Practices

Institution gives foremost importance to Human Values and Best Practices. Human values are the foundation to the institute and produces graduates not only technically competent but also personalities with human values. It encourages the gender equity and sensitization which conducts socially relevant activities like safety and counseling. The institute adopted eco-friendly practices such as waste management and plastic free campus. For better utilization of natural resources, solar and rain water harvesting system are deployed. Rain water harvesting pits are made in the campus to recharge underground water. Roof top solar power plants and Biogas plant are installed for power generation as an eco-friendly alternative. LED lamps are used across the campus to conserve energy. Building structures are designed with natural lighting and ventilation to minimize the usage of electricity.

The campus is built with lush green grounds and plants & trees. The institution adopts eco-friendly policies to

have clean environment in the campus. Solid, liquid and e-waste is separated and disposed in line with green building standards and managed carefully by using outside agencies. Green practices are adopted to reduce pollution. The institution is very prompt in providing all the facilities like ramps, washrooms, display boards and human assistance to physically challenged persons. The college has a prescribed code of conduct for students, teachers which are displayed in the college website and in a hoarding placed inside the campus. The college maintains harmony and creates goodwill among students organizing various National, International, Commemorative days, events and festivals with a great zeal.

The institute encourages best practices which includes eco-friendly campus formation as well as preservation and interactive events by both staff and students. Participation of students in various academic and non-academic events and their evidences of success demonstrate distinctiveness of the Institution. The institute encourages the students to participate in various events, sports and student clubs for the development of students. This institute maintains its distinctiveness in all areas.

NAAC

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY
Address	Khalsa Ibrahimpatnam, Sheriguda (Village), Ibrahimpatnam (Mandal), Ranagareddy Dist.
City	Hyderabad
State	Telangana
Pin	501510
Website	www.siiet.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	I Satyanarayan a	91934-7187999	9347187999	040-24020175	principalsiiet@gmail.com
IQAC / CIQA coordinator	I Satyanarayan a	91984-9987442	9347187999	9140-24020175	principalsiiet@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details				
Date of establishment of the college	21-08-2007			
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name			
Telangana	Jawaharlal Nehru Technological University			
	View Document			
Details of UGC recognition				
Under Section	Date			
2f of UGC	22-03-2019			
	View Document			
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	01-10-2020	12	As per AICTE Approval Process Extension of Approval EoA Corrigendum
Details of autonomy				
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?			No	
Recognitions				
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?			No	
Is the College recognized for its performance by any other governmental agency?			No	

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Khalsa Ibrahimpatnam, Sheriguda (Village), Ibrahimpatnam (Mandal), Ranagareddy Dist.	Urban	11.14	21708

2.2 ACADEMIC INFORMATION

NAAC

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Department Of Computer Science Engineering	48	Intermediate	English	60	54
UG	BTech,Department Of Computer Science Engineering	48	Intermediate	English	180	174
UG	BTech,Department Of Computer Science Engineering	48	Intermediate	English	60	60
UG	BTech,Department Of Computer Science Engineering	48	Intermediate	English	60	22
UG	BTech,Department Of Civil Engineering	48	Intermediate	English	60	16
UG	BTech,Department Of Electronics Communication Engineering	48	Intermediate	English	180	126

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	11				27				71			
Recruited	9	2	0	11	18	9	0	27	39	32	0	71
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	11				27				71			
Recruited	9	2	0	11	18	9	0	27	39	32	0	71
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				59
Recruited	40	19	0	59
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				24
Recruited	16	8	0	24
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	9	2	0	0	0	0	0	0	0	11
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	18	9	0	39	32	0	98

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Diploma	Male	380	1	0	0	381
	Female	108	0	0	0	108
	Others	0	0	0	0	0
UG	Male	1341	16	0	0	1357
	Female	666	6	0	0	672
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	15	21	17	20
	Female	7	8	5	7
	Others	0	0	0	0
ST	Male	22	23	23	25
	Female	3	2	2	1
	Others	0	0	0	0
OBC	Male	87	89	91	99
	Female	35	33	31	26
	Others	0	0	0	0
General	Male	219	247	213	263
	Female	100	129	140	121
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		488	552	522	562

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
256	265	291	312	264

File Description	Document
Institutional data in prescribed format	View Document

1.2

Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
7	8	8	8	8

2 Students

2.1

Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1830	1769	1739	1624	1668

File Description	Document
Institutional data in prescribed format	View Document

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
210	210	210	216	237

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
422	379	412	291	483

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
104	109	121	106	85

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
104	109	121	106	85

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 44

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
441.03564	539.08944	571.54889	327.35507	328.77779

4.3

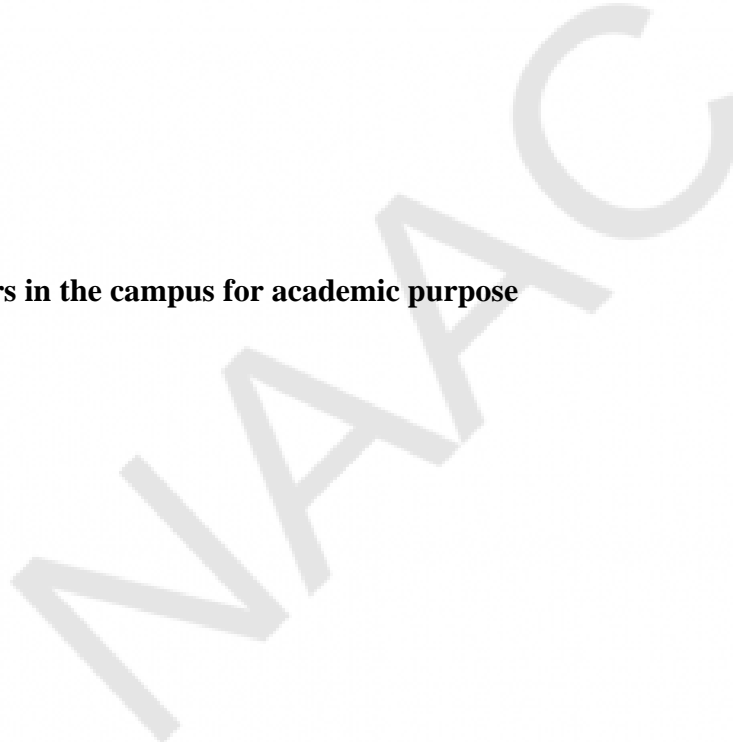
Number of Computers

Response: 830

4.4

Total number of computers in the campus for academic purpose

Response: 778



4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

Being an affiliated institution, Sri Indu Institute of Engineering and Technology (SIET) adopts the curriculum designed by Jawaharlal Nehru Technological University (JNTUH), Hyderabad.

For effective delivery of the curriculum, the following process is developed and deployed.

- At the outset, Academic calendar provided by the University is taken as the base for making curriculum delivery plan. The academic calendar provides the date of commencement of the academic session, submission of mid-term exam marks, Parent Teachers meeting, the duration of the semester, the period of internal assessment tests, practical exam schedule, preparation holidays, final semester examinations etc. The University also declares the list of general and optional holidays to affiliated colleges.
- The Head of the institution conducts meetings with the Head of the departments for developing a detailed academic calendar for the effective implementation of the curriculum immediately after the release of academic calendar of JNTUH.
- A well-structured academic calendar which is in-line with the academic calendar JNTUH is prepared by the Head of the departments with the due approval of the head of the institution. An action plan for conducting co-curricular, extra-curricular activities, to enrich the curriculum will also be included in the detailed academic calendar.
- The Head of the Department allocates the courses to the faculty members as per their expertise and option. Class wise and Course wise time tables will be prepared for effective planning and delivery of courses.
- Each faculty prepares course outcome, a course plan and course notes, for executing day to day academic activities and the same is circulated to the students on the day of commencement of Instruction. A clear plan to fill up the Curricular Gaps either by teaching content beyond the syllabus, invited lectures, workshops or add-on programs are included in the course plan.
- Teachers are encouraged to impart the curriculum through student centric learning methods, such as presentations, assignments, NPTEL lectures, group discussions, workshops, seminars, projects, industrial visits, etc., and innovative teaching methods etc. besides the regular/traditional chalk and talk methods.
- The Head of the Department monitors the academic activities on a regular basis by verifying monthly syllabus coverage report to ensure the execution of effective teaching learning process as per the academic calendar, and finds the gap, if any. The IQAC performs academic audit twice in a semester to ensure the effective delivery of the curriculum.
- The academic performance of students is continuously and meticulously monitored by conducting special tests, Mid Term exams, during the semester to assess the attainment of Course Outcomes(COs). As the attainment of COs is the base for achieving the attainment of Program Outcomes, Program Specific outcome and by which Vision and Mission of the institution, the

institution takes all the possible measures to ensure the effective delivery of curriculum and attainment of COs for all the courses.

- Class committee meetings are conducted at regular intervals to ensure the effective delivery of the curriculum.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

- In the opening of the academic year, academic calendar is published by the University for Respective Course. The institution ensures effective time management and strictly follows timeliness given by the affiliating university. The Institute carries out effective planning to stick to academic calendar. This allows the teachers and the students to space out their teaching and learning and regular assessment of the same.

CIE for Theory Courses

- For theory courses, CIE is conducted for 25 marks with three components, such as descriptive, objective and assignments. The descriptive component is marked out of 10 marks. The objective component is marked out of 10 marks. The assignment is marked out of 5 marks. These tests are conducted in evenly spaced out intervals as scheduled in the academic calendar of JNTUH for the convenience and effective preparation of the students

CIE for LAB Courses

- For Lab courses, CIE is conducted with two components for 25 marks, such as performance in internal practical examinations and day-to-day performance in the regular laboratory sessions. Marks for each experiment are marked in the lab register based on their attendance, observation, and performance. The independent learning level of the students and a practical approach to the real time applications are tested by viva voce of laboratory courses.

Following the university calendar, every department creates internal calendars to ensure timely delivery of syllabus. Every teacher follows a strict agenda that is discussed and approved by the head of their respective department. This is followed by deducing a day-to-day division of topics and chapters. These topics and chapters are chosen keeping the upcoming CIE in mind. The timeline created allows for the students to complete the given syllabus in enough time. The students are given plenty of time before the examinations as well to prepare and practice their concepts

- In case of any required change, the university communicates the modification to the college and the college enforces the same. In any condition, the academic calendar is followed and respected by

teachers of all departments.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 100

1.2.1.1 Number of Programmes in which CBCS/ Elective course system implemented.

Response: 7

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 44

1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2019-20	2018-19	2017-18	2016-17	2015-16
12	18	7	4	3

File Description	Document
Institutional data in prescribed format	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 43.99

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1075	1330	695	495	260

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

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

Response:

The institution strongly believes that addressing cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics have a direct impact on achieving the sustainable development of the nation. So the institution takes a continuous effort in integrating cross-cutting issues to be an integral part of the curriculum to achieve holistic development of the students and to create a positive vibration on their study and societal commitment.

The institution offers courses that integrate crosscutting issues as part of the curriculum prescribed by JNTUH. As a supplement of this endeavor, the institution also organizes various activities such as seminars, invited lectures, workshops, awareness programs etc, throughout the year as part of the curriculum that helps in integrating cross-cutting issues.

Crosscutting Issue	Regulations	Course Code	Name of the Course	Year of
Gender	R16	MC300HS	Gender Sensitization Lab	II-I -C
	R16	MC400HS	Gender Sensitization Lab	II-II -C
	R13/R15	A400HS	Gender Sensitization	II-II CS
Environment and Sustainability	R18	MC209ES	Environmental Science	I-II -CS
	R18	MC109ES	Environmental Science	I-I -EC
	R13/R15	A40009	Environmental studies	II-II -C
	R13/R15	A40009	Environmental studies	II-I ME
	R16	MC300ES	Environmental Science and Technology	II-I -CS
	R16	MC400ES	Environmental Science and Technology	II-II -C
	R13	A60119	Environmental Engineering	III-II C
	R13	A70192	Environmental Engineering Lab	IV-I C
Human Values and Professional Ethics	R16	MC500HS	Professional Ethics	III YEA CSE/E
	R13/R15	A50018	Human Values and Professional Ethics	III YEA
	R13/R15	A50018	Human Values and Professional Ethics	III YEA IT/ECE

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document
Any additional information	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 76.69

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
256	237	194	187	178

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 27.43

1.3.3.1 Number of students undertaking project work/field work / internships

Response: 502

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

1.4 Feedback System

1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni

Response: A. All of the above

File Description	Document
Any additional information (Upload)	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:

- 1. Feedback collected, analysed and action taken and feedback available on website**
- 2. Feedback collected, analysed and action has been taken**
- 3. Feedback collected and analysed**
- 4. Feedback collected**
- 5. Feedback not collected**

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Upload any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 84.74

2.1.1.1 Number of students admitted year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
488	552	522	562	491

2.1.1.2 Number of sanctioned seats year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
600	600	600	618	678

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 79.61

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
169	176	169	178	168

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.2 Catering to Student Diversity

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

Response:

Sri Indu Institute of Engineering & Technology (SIJET), Hyderabad gives paramount importance to the student community in providing them learning skills. It caters the demands and the needs of the students who come from diverse socio-economic backgrounds and different media of instruction both in school and college. Our SIJET provides financial support for the economically weaker students.

Students are classified into various groups based on their performance and competence in the previous examinations such as intermediate and the rank obtained through EAMCET, the entrance examination which is conducted by the government of Telangana for admission into the 1st year Engineering course.

The institution is located in the sprawling campus with magnificent ambience with advanced facilities comprising hostel, canteen, gymnasium, open auditorium, play ground, administrative office, grievance redressal cell, anti-ragging committee, library along with laboratories, ATM, Yoga Center.

Induction programme:

As a part of introducing the institute and the teaching staff, the Management will arrange an induction programme for the newly joined 1st year students of Engineering.

The Principal of the campus will address the gathering which includes the stakeholders like students, parents, guardians, faculty and the supporting staff.

Counseling system:

As the fresher's (1st year students) are new to the campus, they must be guided properly in advance once they take admission. The dos and don'ts are also instructed by the mentors. The mentor-mentee association is much needed for the growth of the personalities of the students. A senior teaching faculty will act as the mentor and he/she shall be allotted 20 students, so that the pupils get motivated and inspired for their academic progress.

Slow learners:

The students are classified into two group's i.e., slow learners and Advanced learners. Special coaching and compensatory classes are arranged for the betterment of the students especially for those who are very dull and slow in the learning process. During evening times, especially between 4:00 and 5:00 PM remedial classes are arranged so that the slow learners become a part of regular class activity. The HOD will monitor the sessions.

Special focus is laid on slow learners by giving Assignment questions and previous years external question papers.

Advanced learners:

The students who distinguish themselves in academics by securing more than 70% marks come under the group of the Advanced Learners. We are providing cash prize or awards to toppers and also, we are displaying toppers in notice board. They are advised and guided to undertake additional courses viz., ORACLE.

They are also encouraged to register for certain courses for their academic and professional exposure. An opportunity is provided for advanced learners to be a part of Seminars, Conferences, Workshops, industrial visits, GTP Classes and Telangana Academy for Skill and Knowledge (TASK).

File Description	Document
Upload any additional information	View Document
Paste link for additional Information	View Document

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

Response: 18:1

File Description	Document
Any additional information	View Document

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

Response:

As an affiliated college under JNTU Hyderabad, the role for us in the design of the curriculum is very limited. The College takes all measures to guide the students to be responsible citizens of our Mother Nation. Learning and Analyzing concepts at the college has always been student centric.

College arranges several of experiential and participative learning activities to broaden the scope of education imparted to the valuable students.

Experiential Learning:

Tutorial classes are conducted which gives strength to regular teaching learning process. The students are taught and encouraged to practically test the concepts that they theoretically learnt in the classroom. This enhances their practical knowledge as well as tests the concepts acquired by them. The Faculty members and Qualified Technical Staff helps the students to conduct experiments. Students are given time slots to do additional and riveting experimental work with the assistance of the highly qualified staff.

An hour time is exclusively allocated for the students to access the library. Stocked with several books, journals, magazines and e-magazines, this facility is a boon for any student willing to find a text or reference. Online resources are also provided through these libraries. The scope of learning widens giving students an education that is greater than the syllabus. Students are also encouraged to do internship during the academic semesters. The faculty encourages as well as provides students with opportunities to intern with the industry of their choice. This allows them to gain firsthand experience of the environment in which they further want to pursue their career. This also allows them to be updated in their respective domains.

Participative Learning:

Different methodologies that include Cooperative, Collaborative, Project Based and Problem Based are used to accelerate the learning process. Through these assignments that include intensive interaction and participation, students are seen to grasp concepts better and faster. The relationship between a student and a teacher strengthens through this teaching tool as the teacher includes the student in his/her teaching module. This allows the students to feel like he/she is a part of the class. As a result, their participation leads to fruitful results. The online platform also allows them to share notes with their group members, discuss and debate topics of choice based on the uploaded content.

Problem solving Methods:

The students and faculty are motivated to register for online NPTEL Certification courses in addition to their regular curriculum. Laboratories with Internet Connection allows the students to enhance their knowledge and skills. Faculty members conduct different teaching methods to students such as group discussions, seminars/ student presentation for better understanding of concepts/ technologies.

1. Separate lectures are arranged for soft skill and technical skill development.
2. The students are engaged in tutorials to understand the course better.
3. Assignments on advanced topics in every course are given for the students

File Description	Document
Upload any additional information	View Document
Link for additional information	View Document

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

Sri Indu Institute of Engineering and Technology, being a technical campus, encourages intensive use of ICT-enabled tools including online resources for effective teaching and learning process. All teachers of the college are using ICT tools and resources available in their campus. They employ LCD Projectors, Video Conferences, Apple Tabs, A-view, Google quiz, Mocks, and e-learning technology. Google

classroom is used to manage and post course-related information-learning material, quizzes, lab submissions and evaluations, assignments, etc. A separate e-learning library is also available where resources by Leased line, Multimedia Projectors, Public address system, Document camera, Computers, MOOC'S Desktops, Laptop, WIFI, LAN connected system, iPad are also used by the faculty.

The laboratories, Seminar Halls, Auditorium, Senate The conference Room and other conference rooms are well equipped with ICT facilities. There are 51 Labs and a spacious Seminar Hall are also available on the campus. E-Learning library helps the teachers in developing e-content in different subjects. Total 100% of staff are using ICT techniques on the campus.

Virtual labs are also used to conduct labs through simulations. Online drawing tools like concept maps, mind maps, are used to perform student-centric activities. The PPTs are used to improve the effectiveness of the teaching-learning process. The online learning environment is designed to train students in open problem-solving activities. Respective Lab faculty members are sending manuals to students well in advance so that students can perform experiments very well. Online quizzes and polls are regularly conducted to record the feedback of the students.

In our institute faculty mentors are assigned group of students to know the progress of each students. An online tool called Padlet Dashboard is used where faculty can monitor students uploading the individual tasks such as solving a problem(hand-written/hand-drawn) assigned during the lecture. The Padlet is used among faculty to collaborate on certain topics, for example “Problems faced during online teaching-learning” where the problems faced during online teaching were posed by some faculty and solutions were suggested by others. To teach mathematical subjects in online mode, teachers are using various online tools like- whiteboard in Microsoft teams, Jam board in Google meet,etc.

SIJET's e-Learning Centre periodically conducts a workshop for research scholars enrolled under SIJET for the doctoral work. It also uses NPTEL phase-1 subject SIJET has developed online content of more than 25 courses in the different engineering disciplines.

Library also offers a wide range of e-resources through the SIJET consortium which are extended 24*7 services via remote access facilities to all stakeholders. General ICT Tools used by SIJET faculties are Desktop and laptops, Projector, Digital cameras, Printer, Photocopier, tablets, Pen Drive, Scanners, Microphones, interactive whiteboard, DVDs and CDs, Flash disc.

So, for effective and efficient teaching and learning process, our faculty members are using the ICT tools. Thus, our institute is catering to the demands of student communities to make them technically driven.

File Description	Document
Upload any additional information	View Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process.	View Document

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

academic year)

Response: 18:1

2.3.3.1 Number of mentors

Response: 104

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
Mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
List of the faculty members authenticated by the Head of HEI	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 9.19

2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
13	11	14	10	02

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

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

Response: 4.59

2.4.3.1 Total experience of full-time teachers

Response: 477.1

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

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

Sri Indu Institute of Engineering and Technology is permanently affiliated to the JNTU-Hyderabad follows the guidelines and standard procedures regarding the assessment and evaluation as per the norms of the university's Academic Calendar.

As a part of the evaluation, the Institute conducts 2 Internal Mid-Exams of 25 marks each dividing into 2 parts such as 10 marks for des are evaluated by the faculty concerned including the Assignment papers and will be distributed the same among the pupils for doubts clarification, and corrections if any. The principal takes regular reviews from time to time about the performance of the students and chalks out necessary action plans for further improvement. Along with providing marks/results of the students, the same shall be displayed on the Notice Board of the Department. Once the exam results are confirmed, the same will be communicated to parents through letters for their knowledge of their wards.

For each semester, the Institution takes the utmost care regarding the completion of the syllabus. The curriculum comprises 2 parts, that is the first half of the syllabus for mid-term exam-1 and the second half of the syllabus for mid-term – 2 to make it a complete semester. Special care will be taken for the Final year students in connection with their Projects. There will be two kinds of projects to be undertaken by the students which include Mini Projects and Major Projects which are reviewed by the internal guide, project co-coordinator, and the HODs concerned along with the external examiner.

According to the norms of our Institute, there will be two reviews for the major project while two reviews for mini project. Besides the above, there will also be a seminar presentation session in the final year –1st semester. It shall be evaluated for 100 marks.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

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

Response:

The institution takes high concern in addressing the issues related to the grievances regarding examinations conducted as per university guidelines. The examination grievance redressal cell (EGRC) registers grievances concerning the evaluation of internal answer scripts and the external examination. The redressal cell comprises the Principal, Head of the Departments, and Examination cell in-charge. The student can approach the cell for any queries regarding the evaluation of their scripts.

The mechanism to resolve internal examination grievances:

At the Institute level:

In general, the grievances related to internal exams are resolved by the respective faculty. When the students are not satisfied with the response from the faculty, they may represent it to EGRC through the concerned HOD. All such representations are taken positively and re-assessed by another faculty if necessary. All the parents are informed about their ward's performance through letters.

Students are counseled by the mentors and remedial classes are conducted for students who failed in internal examinations. Students who were absent from the internal examinations for genuine reasons or those who are not satisfied with the marks secured, can apply for Computer-Based Test (CBT) conducted by the university at the end of the semester.

Time-Bound

Internal grievances are resolved within the time-bound as given below:

Internal Assessment in 4-6 days.

Communication to Students in 8 – 9 days.

Grievance resolution within 2 days.

Uploading of Internal marks in the JNTUH web portal as per the notification given by JNTUH.

Impact

Grievances received by Grievance Redressal Cell will be addressed within a day.

File Description	Document	
Any additional information	View Document	
Link for additional information	View Document	

2.6 Student Performance and Learning Outcomes

2.6.1 Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Response:

Program Outcomes (Pos) describe what students are able to know and able to do by the time of their graduation. Program Outcomes are defined by the National Board of Accreditation (NBA) and these are common for all programs. Program outcomes are mainly related to the skills, knowledge, and behavior that students acquire through the particular programme.

Course Outcomes (COs) describe what students are able to do after successful completion of a course. Every course will have some course outcomes. Course Outcome statements are specific for a course. Course faculty will define all the Course Outcomes of a particular course using the latest Bloom's Taxonomy. The Course Outcomes are briefed to the students at the beginning of the semester by the respective course faculty.

Program Specific Outcomes (PSOs) describes what students can do after completion of a program. These statements are specific to a programme.

Program Educational Objectives (PEOs) are broad statements that describe the career and professional accomplishments that the program is preparing graduates to achieve.

Sri Indu Institute of Engineering & Technology has stated Program outcomes, Program Specific Outcomes and Course Outcomes clearly and the same are communicated to the teachers and students through the following methods.

- College website
- Department websites
- Department notice boards
- Principal/Vice-Principal/HOD chambers
- All laboratories
- Display at prime locations of the campus
- All classrooms and corridors.

- Faculty cabins
- Lesson Plan
- Internal Question Papers
- Course files

Program Outcomes (POs) of all programs, Program Specific Outcomes (PSOs) of all programs and Course Outcomes (COs) of all are listed in the following attachments.

UG program	Link for PEOs,POs,PSOs / COs
Electronics and Communication Engineering	https://siiet.ac.in/ece/vision-mission/
	https://siiet.ac.in/wp-content/uploads/2020/09/ECE-courseoutcomes.pdf
Computer Science and Engineering	https://siiet.ac.in/cse/vision-mission/
	https://siiet.ac.in/wp-content/uploads/2020/09/CSE-courseoutcomes.pdf
Civil Engineering	https://siiet.ac.in/civil/vision-mission/
	https://siiet.ac.in/wp-content/uploads/2020/09/civil-COs.pdf
Mechanical Engineering	https://siiet.ac.in/mech/vision-mission/
	https://siiet.ac.in/wp-content/uploads/2020/09/MECH-courseoutcomes.pdf
Humanities & Sciences	https://siiet.ac.in/hs/course-outcomes-cos/

File Description	Document
Upload COs for all courses (examples from Glossary)	View Document
Upload any additional information	View Document
Paste link for Additional information	View Document

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

Response:

To measure the attainment of each course and programme for the quality improvement the below mentioned procedure is used.

1. Program Outcomes, Program Specific Outcomes and Course Outcomes for all courses are stated clearly.
2. CO-PO and CO-PSO mapping will be done based on their correlation for all the courses of the program.

The various correlation levels are as follows:

- '1' - Low Correlation
- '2' - Medium Correlation
- '3' - High Correlation
- '-' Indicates No Correlation
- Target for Course Attainment Level is set to each course by the faculty/Head of the Department.

Following table shows Course Outcome & Attainment Level.

Course Outcome	Attainment Level		
	1	2	3
	<=60%	>60% To <=80%	>80%

1. Now the course outcomes attainment is measured using i) Direct Method ii) Indirect Method.

1. Through Direct method the Program Outcomes, Program Specific Outcomes and Course outcomes Attainments are achieved based on the Internal Mid Examination I, II and University Examination marks. The Attainment weightage for the Internal Examination I, II and University Examination is given by 20 % and 80 % respectively.
2. Now for Program Outcomes and Program Specific Outcomes attainment is calculated using the average of all the Course Outcomes of a program.
3. Through Indirect method the Program Outcomes, Program Specific Outcomes and Course outcomes Attainments are achieved based on the Alumni survey, Student Exit Survey and Employer Survey.

The Attainment of Program Outcomes (Pos), Program Specific Outcomes (PSOs) and Course Outcomes (Cos) for all the courses helps in improving teaching and learning process.

File Description	Document
Upload any additional information	View Document
Paste link for Additional information	View Document

2.6.3 Average pass percentage of Students during last five years

Response: 70.54

2.6.3.1 Total number of final year students who passed the university examination year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
297	279	249	217	356

2.6.3.2 Total number of final year students who appeared for the university examination year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
422	379	412	291	483

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document
Paste link for the annual report	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document
Upload any additional information	View Document

NAAC

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

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

Response: 0

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

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description

Document

Institutional data in prescribed format

[View Document](#)

3.1.2 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 0

3.1.2.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

3.1.2.2 Number of departments offering academic programmes

2019-20	2018-19	2017-18	2016-17	2015-16
3	3	3	3	3

File Description

Document

Institutional data in prescribed format

[View Document](#)

3.1.3 Number of Seminars/conferences/workshops conducted by the institution during the last five years

Response: 32

3.1.3.1 Total number of Seminars/conferences/workshops conducted by the institution year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
12	9	6	3	2

File Description	Document
Report of the event	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.2 Research Publications and Awards

3.2.1 Number of papers published per teacher in the Journals notified on UGC website during the last five years

Response: 4.08

3.2.1.1 Number of research papers in the Journals notified on UGC website during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
22	191	75	86	54

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

3.2.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.35

3.2.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
19	5	2	3	8

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

3.3 Extension Activities

3.3.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

Sri Indu Institute of Engineering and Technology (SIET) promotes regular engagement of faculty, students and staff with neighborhood community for their holistic development and sustained community development through various activities.

- Every Year, programs are organized with the support of students and staff participating voluntarily in community based activities with neighborhood. Various awareness programs, workshops, rallies and road shows with themes like cleanliness, green environment & tree plantation, gender sensitization, traffic rule awareness, and importance of wearing helmets; empowerment of girls and women.
- Continuous voluntary activities by students to maintain cleanliness in and around the Campus to create awareness about the role of clean environment in human health and contribute to the National Swachh Bharat Abhiyan.
- Blood Donation camps have been organized.
- Awareness of Legal Rights

Health Checkup Camp

- Awareness of Oral Health (eye camp and Cancer)
- Training of Rural people about personal hygiene

Impact & Sensitization:

Exposure to extension and outreach activities sensitize the students towards social issues and also to legal and social remedies for matters like domestic violence, , child abuse,, female child, victims of violence, old and infirm, refugees and displaced persons etc. The activities conducted lead imbibing the values of social

responsibility such as:

1. To help people in need and distress
2. To understand and share the need of under privileged children
3. To promote cleanliness in all span of life and common places, Juggi areas.
4. To acquire social values and a deep interest in environmental related issues.

Learning outcomes of the activity:

1. Enlarge the knowledge of societal issues and problems and to search solution by getting involved with their lives.
2. Build up relation and tie up with organizations/NGO to carry forward humanitarian work in future.
3. Develop a passion and brotherhood towards community, affected people/animals and destitute.
4. Develop skill and aptitude for problem solving.
5. The skills developed include social skills communication skills, management skills, leadership skills, analytical skills, perceptual skills etc.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.3.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 22

3.3.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
6	5	5	4	2

File Description	Document
Institutional data in prescribed format	View Document
Institutional data in prescribed format	View Document
e-copy of the award letters	View Document
e-copy of the award letters	View Document
Any additional information	View Document
Any additional information	View Document

3.3.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

Response: 40

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

2019-20	2018-19	2017-18	2016-17	2015-16
17	7	5	3	8

File Description	Document
Reports of the event organized	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.3.4 Average percentage of students participating in extension activities at 3.3.3. above during last five years

Response: 62.63

3.3.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1464	1062	957	942	1002

File Description	Document
Report of the event	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.4 Collaboration

3.4.1 The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-job training, research etc during the last five years

Response: 323

3.4.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-job training, research etc year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
197	80	15	22	9

File Description	Document
Institutional data in prescribed format	View Document
e-copies of linkage related Document	View Document
Any additional information	View Document

3.4.2 Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the last five years

Response: 32

3.4.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
21	6	3	1	1

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format(Data template)	View Document
e-Copies of the MoUs with institution./ industry/ corporate houses	View Document

NAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

The institution provides adequate infrastructure and physical facilities as per the norms of AICTE. Based on the requirement, management has provided infrastructure and physical facilities for teaching learning. The institution is spread across 11.14 acres campus with lush and green landscape which has serene green land provides an eco-friendly environment and it is located in the city of Hyderabad, which is easily accessible through public transports.

The facilities furnished are mentioned below:

Class Rooms:

The institution has 40 class rooms for teaching and learning in which 30 class rooms are equipped with ICT enabled facilities such as LCD projectors, smart interactive board and LAN/WIFI connectivity and 4 seminar halls are equipped with complete smart class rooms with smart interactive boards and multimedia facilities.

Tutorial class rooms:

Each department has tutorial classrooms to conduct tutorial classes, study hours, remedial classes to clarify the doubts and queries of students. Institution has domain centric laboratories with well- maintained instruments, devices and equipments to conduct experiments

Laboratories:

There are 56 Laboratories in the institution and the laboratories are equipped with adequate number of laboratory equipments and machines. Students are allowed to carry out mini projects and major projects in the respective laboratories in different time slots

Auditorium:

The institution has an auditorium with a seating capacity of 300 and equipped with LCD projector, audio system with multimedia capability. The auditorium is used for conducting workshops, seminars and other co-curricular and extra-curricular activities in the institution.

Seminar Hall:

The institution has 4 seminar halls with LCD Projectors are used by different departments for the purpose of conducting guest lectures, seminars and other departmental activities. All seminar halls have different seating capacity white boards, stage, podium and public addressing system with internet facility.

Computing Equipments:

The institution has 830 computers, 8 laptops, 44 printers, 3 scanners, 5 servers, 30 CC cameras to facilitate computing and internet browsing and surveillance. The Institute has adequate Computer Software, Computer Hardware besides Other related Computer equipment are available for the benefit of the student community.

Internet and WI-FI:

The institution is completely enabled with Wi-Fi facility and the institution has upgraded its internet speed to 100 Mbps through leased line.

Library:

The institution has a fully automated library using e-Grandhalaya .This is used for circulation, procurement of books. The institution library has e-journals and The digital library facilitates to access-books, e-journals through Developing Library Network (DELNET), National Digital Library (NDL) and Directory of Open Access Journals(DOAJ) by the faculty members and students. It is also providing video lectures through SWAYAM platform.

Placement cell:

The institution has an active Training and Placement Cell, which is headed by a qualified and experienced full time Placement Officer. Department level coordinators are identified in each department to coordinate the activities in sync with the placement cell.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response:

Sri Indu institute of Engineering and Technology focuses on the overall development of the students and encourages them to participate in cultural activities, sports, games (indoor, outdoor), gymnasium, and yoga centre.

CULTURAL ACTIVITIES

There is a positive environment for cultural activities in the campus. Students are constantly encouraged to

participate in various cultural activities .The institution gives the importance to cultural activities like singing, dancing, skits, and playing musical instruments and also provides facilities such as venue for practice with all the necessary equipment. The Arts and Cultural activities committee of the institution organizes events that thoroughly facilitate the overall personality development of the student. In order to provide a platform to explore the talents of students, the institution organizes Traditional Day and Annual Day. At the departmental level, each department encourages the students to perform cultural activities during various occasions such as:

- Fresher's day etc
- Dandiya
- Rangoli
- Du-Du-Basavanna
- Bathukamma
- Uttlu Breaking
- Farewell day

SPORTS AND GAMES

- The institution provides adequate amenities for ensuring physical education activities to keep the students physically fit and healthy.
- Full time qualified physical directors and trainers were appointed to look after the day- to- day games and sports activities of the institution.
- Students are motivated to take part in various National, State ,University and Inter-college level sports activities

INDOOR FACILITIES:

1. Chess boards- 10 (standard)
2. Carom boards- 10 (standard)
3. Table tennis- 02 (2.74m x 1.525m x15.25cm(net))

OUTDOOR FACILITIES:

1. Badminton court – 01 (13.40m x 6.10m)
2. Volley ball court – 02 (18m x 9m)
3. Throw ball court – 01 (18.30m x 12.20m)
4. Kho-Kho court- 01 (27m x 16m)
5. Kabaddi court– 01 (13m x 10m)
6. Basket ball court -01 (28m x15m)

GYMNASIUM & YOGA CENTRE:

The institution believes in the motto of sound mind in a sound body. To execute, the institution has built gymnasium besides yoga centre.

GYMNASIUM:

In order to improve the mind set, physique and the attitude, gym aids students to keep the body fit and keeps mental agility properly.

YOGA CENTRE:

The institute conducts various programs in order to relieve the tension of staff and students yoga and meditation classes are conducted to improving concentration and physical fitness

AUDITORIUM:

The institution has an auditorium with a seating capacity of 300 and equipped with LCD projector, screen, and audio system with multimedia capability. The auditorium is used for conducting co-curricular and extracurricular activities in the institution.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 77.27

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 34

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format(Data template)	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 16.39

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
71.95702	84.77418	75.96969	59.57269	60.60304

File Description	Document
Upload audited utilization statements	View Document
Upload any additional information	View Document
Institutional data in prescribed format(Data template)	View Document

4.2 Library as a Learning Resource

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

Response:

The institution has a fully automated library using **NewGenLib** software-version 3.0.3 (Open Source) used for acquisition, cataloguing, circulation, procurement of books, serial control modules and Online Public Access Catalog (OPAC). All the library documents are bar-coded and books are issued to users by reading the barcode of the document.

Name of the ILMS software : NewGenLib

Nature of automation (fully or partially) : Fully

Version : 3.0.3 Carbon(Release 2)

Year of automation : 2015 to till date

Features of NewGenLib Software:

- NewGenLib version 3.0 : Library Software
- NewGenLib is an absolute user - friendly software.
- It is a simplified package, which requires minimum user interaction and features interactive data handling for storing backup etc.
- NewGenLib is an easy and effective software for maintenance of books, journals and users. The system finds the status of books or users automatically and eases the circulation process

accordingly.

- It contains enhanced, simplified search facility which can locate books and identify users effectively through OPAC (Online Public Access Catalogue) facility is made available through NewGenLib Library Management Software to know the bibliographical details about the collection. Available in the Central Library for OPAC facility. Search by giving Title, Author, and domain can be carried out.
- Cataloguing module facility of the software helps for catalogue books, articles, serial publications. Institution has Integrated Library Management System (ILMS) used for statistical analysis required for library management system such as weekly transitions, most issued items, less issued items, most book borrowed user etc.
- The Acquisition module is utilized for generating accession register reports, adding student record, updating item lending policy and its status.
- The Library and Information Centre have topography of 650 sq.m area.
- Dedicated staff members take care of the issue/ return desk, reading room section, reference section and digital library.

Library Automation:

All the active book collection is updated in the NewGenLib Library Management Software and the Web OPAC is available for the users. The issue and return of books has been activated with the NewGenLib Library Management Software.

Digital Library URL: <https://siiet.ac.in/e-library/>

The Library and Information Centre has digital Library with the following resources.

Previous year question papers: <https://studentservices.jntuh.ac.in/oss/syllabus.html?type=previousQPapers>

e-journals : <https://jgateplus.com/search/index/>

e-books : <https://www.wonderslate.com/institution/siiet>

Databases : <http://164.100.247.26/>

Remote access : <https://sriindu.remotlog.com/>

webpage: <https://siiet.ac.in/>

Library OPAC : <http://192.168.200.61:8080/newgenlibtxt/>

Rare books : <https://www.rarebooksocietyofindia.org/>

link for e-Resource : <https://siiet.ac.in/e-library/>

The LIBRARY is a USER – FRIENDLY LIBRARY with well-designed set up consisting of comprehensive collection of valuable books, Indian and International Journals, E- resources, Competitive

books like GATE, GRE, TOEFL, Aptitude, Communication skills, Soft skills material, Project Reports, Back Issues of Periodicals, Paper Clippings and Non-Book Materials to impart the highest quality of education. The Library contributes its efforts in improving the standards of teaching-learning in order to meet the needs of students and the faculty.

Number of Titles and Volumes

Total Number of titles : 4930
 Total number of volumes : 25330

File Description	Document
Upload any additional information	View Document
Paste link for Additional Information	View Document

4.2.2 The institution has subscription for the following e-resources

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases
- 6.Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format(Data template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 11.36

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
11.30	10.43	11.24	10.94	12.89

File Description	Document
Institutional data in prescribed format(Data template)	View Document
Audited statements of accounts	View Document
Any additional information	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

Response: 35.06

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 678

File Description	Document
Details of library usage by teachers and students	View Document
Any additional information	View Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Sri Indu Institute of Engineering and Technology has established excellent IT infrastructure to cater the needs of all the students and faculty as College realizes the correlation between adequate infrastructure and effective teaching-learning. Updating the IT framework has been on the high priority activities of the institution. This facilitates e-mailing, netsurfing, access to web based applications etc., which provides highly interactive learning environment. The list of IT infrastructure created consists of the following items. Campus is enabled with Wi-Fi facility with access points throughout indoor and outdoor.

- SIJET provides advanced computers facilities with advance software. Totally 830 computers are available in laboratories, departments, office, admission section, placement cell, campus supervisor room and digital library for the benefit of students and staff. The management provides laptops to all HODs and Principal.
- Computers are gradually increased every year with high configurations. All the computers are upgraded from 1 GB to 8 GB ram with i3 processor and further again upgraded to i5 processors according to norms of the university.
- All the Labs are enabled with LAN and Internet connection.
- Every system is updated with Anti-Virus software and it is upgraded regularly.

- The institution provides e-resources and digital library facility for all the staff members and the students.
- Teaching aid provisions like LCD projector with computer internet based system available in each class room.
- There are sufficient advanced laser jet colour printers, which are maintained well.
- The institute has established a strong elaborate and sophisticated network which has been upgraded from 100 Mbps to 300 Mbps. Currently we are using Galaxy Airtel network 300 Mbps campus with 300 mbps of high speed internet facility.
- The faculty members are provided with the internet connected systems, through which the teaching materials like NPTEL and IIT videos are downloaded for effective teaching of the subjects/concepts.
- Video conferencing facility is available at E-learning resource lab.
- Most of the labs are equipped with LCD's for online demonstration to students.
 - Effective utilization of infrastructure is ensured through appointment of adequate and well qualified lab technicians/system administrator.
 - The institution has 830 computers with a configuration of
 - DELL VOSTRO 367/MT
 - Intel i5, i3, core 2 duo
 - 8GB, 4 GB, 2GB RAM
 - 1 TB, 500 GB, 320 GB hard disks
 - DELL, LENOVO, ACER LED Monitors
- There are wide varieties of software tools and packages available in the institution.
- The institution encourages faculty to utilize ICT facilities for an effective teaching-learning process. LCD projectors and screens are provided in all the class rooms as a part of ICT facilities. A special team is formed to take care of ICT and related needs of the institution such as website designing, hardware and networking, software maintenance, Wi-Fi, e-mail and SMS services.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 2:1

File Description	Document
Upload any additional information	View Document
Student – computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution

Response: A. 750 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 28.48

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

2019-20	2018-19	2017-18	2016-17	2015-16
141.62888	143.54271	134.49932	95.13273	102.11483

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format(Data template)	View Document
Audited statements of accounts	View Document

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

Response:

The Institution has appointed staff for maintaining facilities such as Buildings, Transport, Electrical, Housekeeping, Garden etc. Regular cleaning of College floors, classrooms, laboratories, equipment, and rest rooms are being done by the housekeeping team under the supervision of a floor in-charge. Stock verification and up-keeping of the equipment in all labs and other facilities is done at the end of every year by Lab In-charge and the report is submitted to the Principal through the concerned department of HOD's for further action.

Physical facilities:

Physical facilities are Network Facility, Cleanliness, Online/Offline UPS, Furniture, Sports complex, Parking, Gym, Hostel, Lift, Canteen, and Transport.

Academic Facilities:

Class room maintenance is monitored by a member of campus maintenance system of the respective department. Any issues pertaining to maintenance of class rooms are communicated to concerned persons for further follow-up and necessary action. The general maintenance includes maintenance of civil, plumbing and electrical works and Academic Facilities include: Class Rooms, Laboratories, and Library.

Utilization of Laboratory Equipment:

Laboratory sessions are conducted in accordance with the schedule as per the curriculum plan and each laboratory session is carried out under the supervision of the assigned faculty members and instructors.

In each laboratory, a log book is maintained for utilization of laboratory equipments where each machine / instrument used by student is clearly mentioned in the log book so that the proper monitoring and usage of the equipment is assured.

Before students start performing the experiment, laboratory instructor or the faculty in charge will deliver special instructions that are to be followed by the students in handling the equipment / instrument in every laboratory session

Maintenance of Laboratory Equipment

The laboratory equipments are periodically inspected by a team of technicians / instructors for the accuracy and working conditions. Repair and replacements of equipments has been initiated as and when there is a break down. This is a common practice across all the departments. Cleaning of laboratory floors, machines, equipments and instruments etc., are taken care by both attendees and housekeeping workforce.

Major repairs for Laboratory Equipment will be carried out through following procedures:

1. The service request is forwarded to the Principal through Lab-in-Charge and HOD
2. After approval, Quotation for service is called for and the recommended service provider is identified and forwarded to the Principal for approval.
3. After approval, the service is carried out in the presence of Lab-in-Charge
4. After service, the work completion statement and bills are submitted to the Accounts Department, through proper channel for payment.

A separate Stock Register for each laboratory is maintained and updated with regard to procurement and internal stock transfers. Every year, annual stock verification and inspection has been carried out by the various departments of the institution. The final stock verification and inspection report is submitted to the management for needful action.

Utilization of Library:

The institution has a Librarian, who monitors the procurement and regular follow ups to ensure effective utilization of library and maintain all reference books, articles, text books, magazines, competitive examination books, journals, e-books, e-magazines and e-journals.

Maintenance of Library:

NEW ZEN LIB software is used of maintenance of books, shelf arrangement, clearing, stock verification are carried out. Binding of documents and reconditioning of old books is also a part of the library maintenance.

Utilization of Sports Complex:

Physical Education Director along with one faculty from each department meets twice in a semester to discuss sports related issues such as planning and organizing events, training, short listing of who are interested in sports and necessary preparations for the sports activities. Students are allowed to practice before and after regular class hours. A separate log book is maintained to issue necessary sports materials for various sports and games.

Maintenance of Sports Facilities:

Maintenance of sports facilities preparation of ground for various other sports including Kabaddi, Kho-Kho, volley ball, basket ball etc is maintained by the Physical Educational Director in regular intervals.

Utilization of Computers:

All the departments in the institution are equipped with computer laboratories. These laboratories are used by the students in accordance with the schedule prepared by the particular department as per the curriculum.

Maintenance of Computers:

The Department of Computer Science and Engineering is responsible for maintaining the computer systems and other IT equipments such as Projectors, Printers, Photo Copier machines, Scanners, Servers, Bio-metric machines etc. A UPS backup facility is provided against power failures and other related faults to avoid any damage during power outages. Internet connectivity with a total of 100 Mbps band width is provided.

Classroom Utilization:

As per the AICTE norms, each department is provided with the required number of classrooms for conducting class room activities. The classroom allocation in accordance with class time table is made by HOD of that specific department.

Classroom Maintenance:

Institution has a supervisor who regularly maintains the boards, benches, fans and lights. The black board, benches and windows are cleaned everyday by housekeeping staff. HOD and class In-charges meet once in a week and review the maintenance of the class rooms.

The In-charges at least one member from each of the academic department whose responsibility is to identify any problem related to the infrastructure maintenance of the class rooms and conveyed to Supervisor and Supervisor conveyed to Principal for necessary actions.

Maintenance of Power and water supply

Regular check up and maintenance will be carried out by the Supervisors for providing fresh and filtered water to the institution. Electrician is responsible to carry out the supply and maintenance of Electricity to the campus.

Most of the maintenance work is completed during summer break and a close monitoring of maintenance activities is a prime responsibility of all the Heads of Departments and the In-charges of various facilities and the Staff is accountable to the Principal.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 63.85

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1192	1160	1114	1020	1029

File Description

Document

upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Upload any additional information

[View Document](#)

Institutional data in prescribed format

[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 10.75

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
288	240	186	126	100

File Description

Document

Upload any additional information

[View Document](#)

Institutional data in prescribed format

[View Document](#)

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 4.24

5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
136	92	54	42	48

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

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years				
Response: 14.44				
5.2.1.1 Number of outgoing students placed year - wise during the last five years.				
2019-20	2018-19	2017-18	2016-17	2015-16
93	87	50	30	23
File Description	Document			
Upload any additional information	View Document			
Self attested list of students placed	View Document			
Institutional data in prescribed format	View Document			

5.2.2 Average percentage of students progressing to higher education during the last five years				
Response: 21.09				
5.2.2.1 Number of outgoing student progressing to higher education.				
Response: 89				
File Description	Document			
Upload supporting data for student/alumni	View Document			
Institutional data in prescribed format	View Document			
Any additional information	View Document			

5.2.3 Average percentage of students qualifying in state/national/ international level examinations
--

during the last five years (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

Response: 100

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

2019-20	2018-19	2017-18	2016-17	2015-16
29	19	1	1	1

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
29	19	1	1	1

File Description	Document
Upload supporting data for the same	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 10

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

2019-20	2018-19	2017-18	2016-17	2015-16
3	3	2	1	1

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

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

Response:

SIET created a student council for active participation of students in the academic & administrative bodies empowers the students in gaining leadership qualities and execution skills. Student Council improves academic standards and creates a sense of ownership towards the institution. Student council helps in bringing out the talents of students in curricular and extra-curricular activities during 2019-20 Academic Year. This is Committee with all Class Representatives (CR) called as Student Council.

Internal Quality Assurance Cell:

IQAC cell involves student representatives in the development of quality culture in academic and other areas for the betterment of the students and institution.

Class Committee:

The class committee consists of student representatives and faculty representatives.

Committees formed in the institute

R&D Consult Cell: Take up appropriate problems of the industry for finding solutions through R&D projects assigned to faculty and students.

Industry Institute Interaction Cell: This cell is established to provide closer links with industries. The purpose of the cell is to find out the gap between need of the industry and end product of the institute.

Alumni Association: This cell maintains a life long bond between the institute and its alumni.

Anti-Ragging Committee: The student representatives are engaged by the faculty regarding anti-ragging and are monitored in preserving a culture of ragging free environment in the institution.

Training & Placement Cell: Placement Cell operates round the year to facilitate contacts between companies and graduates.

Central Library & Information Cell: The student representatives ensures in smooth functioning of the library and coordination with all Head of the Department's, faculty and students.

Website Committee: Coordinating with other committees in posting relevant information.

EDC Cell:To arrange the students and assisting the faculty member for smooth conduction of the program.

Student Grievance Readdress Cell: Student Grievance Readdress Cell involves student representatives in resolving issues and grievances of students

Medical Assistance Cell: The administrators of the college are conscious of the need for medical help in times of emergency.

Sports Committee: The student representatives along with the faculty motivate the students to participate in indoor and outdoor games like cricket, volleyball, basketball, chess, table tennis and caroms.

Transportation Cell:This Cell is used to follow up the student's data and stages of their pickups given by the coordinator and faculty member of the committee.

Arts & Cultural Cell: The students representatives promote and arrange extracurricular activities and bring out the talent of the students with the help of the faculty organize activities like Teachers' day, and Engineers' day.

Hygiene/Canteen/Sanitation Cell: This cell is used to provide hygienic and delicious food for students in canteen.

Internal Compliant Committee: To create awareness regarding women's safety.

Start-up and Innovation Cell: The Student Representatives identify and reward innovations and share success stories.

NSS Cell: The student representatives along with the faculty motivate the students to participate in different service programs in the institution and nearby villages like Blood Donation Camp, Haritha Haram and Digital Literacy Camp.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 754.4

5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
930	640	575	825	802

File Description	Document
Upload any additional information	View Document
Report of the event	View Document
Institutional data in prescribed format	View Document

5.4 Alumni Engagement

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

Response:

Sri Indu Institute of Engineering and Technology's Alumni Association maintains a life-long bond between the institute and its alumni. In collaboration with extremely dedicated volunteer executive committee members, the alumni association, works to connect alumni, support the students and builds the institute's unforgettable experience through various events, programmes and services. Institute regularly interacts with the alumni association and organizes alumni meet once in a year. Alumni contributes not only in academics affairs , student support but also mobilization of resources – both financial and non-financial aspects. It acts as a bridge between college and the industries for interaction on new developments in different disciplines of Engineering.

Alumni Contributions:

1. Alumni are invited to interact with students for career guidance and placement assistance.
2. Alumni contributes for the development of the students and the Institute by organizing training programs like skill development, entrepreneurship development, expert lectures, workshops, research, placements etc.
3. Alumni guides the final year students in their projects as per current technology and industrial scenario.
4. Alumni visits the college and interacts with the students through guest lectures, To provide guidelines to the students for better career and gives the information about the latest industry requirements.
5. Alumni guides students of the Institute on various professional avenues available and support them through various activities such as expert advice, seminars, industrial visit etc.
6. To arrange and support in placement activities for the students of Institute.
7. To encourage the students of the Institute and members of the Association for research and development work in various fields like engineering, computer Industrialization etc.
8. To mentor the students of the Institute for higher education, development of character and making good citizens.

- 9. To encourage and support students of the Institute in sports, cultural and extra-curricular activities. These events are promoted by Alumni students.
- 10. To conduct blood donation, eye donation and health awareness Camps.
- 11. To organize debates on various social issues.
- 12. To help and guide students of the Institute for anti-drug, anti-ragging, and any other anti-social activities.

Thus, the alumni connectivity contributes significantly to the development of the institution through their involvement with financial and non-financial means.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: A. ? 5 Lakhs

File Description	Document
Upload any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

VISION

To become a premier institute of academic excellence by providing the world class education that transforms individuals into high intellectuals, by evolving them as empathetic and responsible citizens through continuous improvement.

MISSION

- To offer outcome-based education and enhancement of technical and practical skills.
- To Continuous assess of teaching-learning process through institute-industry collaboration.
- To be a centre of excellence for innovative and emerging fields in technology development with state-of-art facilities to faculty and students' fraternity.
- To Create an enterprising environment to ensure culture, ethics and social responsibility among the stakeholders.

Nature of Governance

Governance, Leadership and Management criteria helps gather data on the policies and practices of an Institution in the matter of planning human resources, recruitment, training, performance appraisal, financial management and the overall role of leadership in Institution building with a vision and mission to impart qualitative technical education, institute has put strenuous efforts in the right direction for academic excellence under efficient leadership. The governing body provides guidelines through the academic council to sustain high standards in imparting education by setting objectives appropriate to policy, hiring quality professionals, rewarding the achievers, provide infrastructure, facilities and encouraging the best utilization of the resources. The Principal of the Institution in consultation with Heads of the Departments and functional in-charges formulates the policies & plans and submits the same for the approval of the management on regular basis. Administrative & Academic responsibility is distributed at various levels of decentralized organizational set up.

Perspective Plan

The Institution is the centre of attention its Perspective Plans for the upcoming academic years based on Quality in Higher Education. Accordingly, decision-making process and quality arrangement are articulated keeping in view of Vision and Mission. The Principal and faculty design calendar of actions and the top management monitors its implementation providing the necessary support. The principal monitors the implementation of the following functionalities;

- Improve the performance of students in University Examinations.
- Focus on developmental aspects such as student intake, curriculum improvement, infrastructure

enhancement and accreditation programme.

- Improving Research and Development, Industry Interaction, Collaboration with other Institutions, Alumni Interaction, Entrepreneurship, and Social Responsibility Initiatives.
- Participation of students and staff in National or International seminars and conferences.

Participation of Teachers

Teachers play a vital role in the decision-making, planning, implementation; perform the academic and administrative functions in various committees of the Institution. For smooth administration of the college a number of committees are formed. The committees meet at regular intervals to take decisions accordingly. Heads of the departments are given free hand to administrate their academic activities in coordination with the principal. Institute adopted e-governance system for transparency. To ensure the quality education the college has constituted an Internal Quality Assurance Cell (IQAC) with senior faculty members. To undertake projects related to Research & Development activities, they are also encouraged to attend/organize workshops, conferences, skill development programs, seminars, webinars, projects, consultancies and to publish research papers.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response:

The institution defines the decentralization in functioning through handing over of authority. Personnel at different levels implement the decisions. The allocation of authority can be organized in the form of various levels. The Institution has the culture of following decentralized governance system with well-defined interrelationships. An institution provides adequate and regulates authority to the departments to work towards decentralized governance system. There are various committees involving faculty which are constituted to manage different institutional activities. Committees are created for the various curricular, co-curricular and extra-curricular activities to be conducted during the academic year. The departments are motivated to arrange various activities with the support of Management for the benefit of Students and Faculty; also the Management shall extend enough financial powers to top of the Institution to complete the activities.

The Institution approves a culture of decentralized governance and assigns the powers to the Departments, like:

- The Head of the Department has the authority in deciding the activities and allots the responsibilities to the staff members of the department;
- The department makes a decision on timetable, subject allocation, purchase of equipment, organizing guest lectures and workshops, webinars, seminars recommend necessary industrial

visits, implant trainings, and work to achieve its goals, vision and mission.

- Administration: autonomy to organize the administrative activities in agreement with the institutional policies.

PARTICIPATIVE MANAGEMENT: The Institution is making teachers in involvement and participation for improvement of effectiveness and competence of the institutional teaching learning process. The organization empowers the faculty to provide a task within the participative management and promotes a culture of participative management within the Institution. The choices and plans suggested by teachers in various meetings like HODs meeting and Departmental meetings are conveyed to the Management through the Principal. The management ensures and renders their approval on the estimations and proposals made by faculty . The IQAC is involved in developing a top quality system for conscious, programmed action to enhance the educational and administrative performance of the institute. IQAC meets at regular intervals and plays a crucial role within the implementation of its plans and policies. Entire functioning of institute activities is decentralized into various committees, with committee coordinators and committee members.

THE EDC:

An Entrepreneurship Development Cell or EDC is a club run by faculty members and students to practise and promote entrepreneurship in campus communities. With EDC the students will be committed to think and act entrepreneurial, and will explore entrepreneurship as a career option

EDC aims to promote the entrepreneurship culture in and around the campus by providing multiple platforms to budding entrepreneurs where they can improve upon their business models, get mentorship by successful entrepreneurs, interact with investors and groom their entrepreneurship skills.

These kind of programs will definitely help the students to have better exposure by facing any challenge in the society.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The Institution has various perspective/strategic plans for the holistic development of the Students. The common approach of the Management, Principal, HODs and Faculty is to develop and implement the quality policy and promote high standards of professional ethics, transparency and accountability in the Institution. In order to evolve the Mission and Vision of the Institution, the Governing Body of the institution works in close collaboration with the IQAC and other academic heads to plan and implement various strategic plans to regulate and sustain a friendly and educational environment required for this

purpose.

The institute has specific strategic plans which include:

- Aim to get autonomous status for the institution and permanent affiliation for the UG programs by 2021-22.
- Strengthening the student development and campus facilities,
- Enhance the output in research and consultancy.
- Enhance the industry institute collaborations.
- Standardizing the ICT based teaching-learning processes.
- Improve internal support system.
- Strengthening alumni.

All the above strategic plans are monitored by the IQAC that meets often and decide on academic quality control issues.

Apart from the above, the Institution's strategic plans critically examine the grooming of the students for rewarding with excellent future by meeting various challenges. The major thrust of the strategic plan is to achieve standardized improvement in the quality of technical education, as the Institution imparts in line with the Vision and Mission of the institution. It also aims to meet the expectations from all the stakeholders' viz. Students, teachers, parents and employers to achieve improved levels of satisfaction.

Perspective Plan for development:

The Institution certainly has plans for its all round development and accordingly several perspective plans are designed viz. Improvement, up-gradation and refinement of the existing set up which is an unending process and the Institution will never lag behind this progression.

The Institution has spacious campus which offers great potential for the development of further infrastructure. The institution is planning to build a hostel building on the campus shortly for boys. Many such ambitious projects can be taken up for implementation in the days to come.

- To establish better academic practices and procedures.
- To be a choice for good quality students and competent faculty.
- To produce technically competent and ethically strong graduates.
- To encourage Research & consultancy.
- To develop a smart campus.
- To offering value added certificate programs.
- To organizing National/International Conferences.

Activity successfully implemented Training & Placement Cell provides the opportunities from various reputed firms and industries. To enhance the student's knowledge training on problem solving, Soft skills, Personality development classes are conducted by coaching institute like TIME, etc. Soft skills and relevant information ensures that the students will develop confidence and are ready to face the selection process. These are very much useful for students to write competitive, placement exams and higher studies. Manage all student progress and prepare required strategies to complete all programs and ensure compliance to affiliated university regulations.

File Description	Document
Upload any additional information	View Document
Strategic Plan and deployment documents on the website	View Document
Paste link for additional information	View Document

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

Response:

The college has a clearly defined organizational hierarchy structure to support executive processes that are clear and reliable with its purposes and supports effective resolution making. The organizational structure lends itself to behind institutional capacity and educational effectiveness through the various Committees.

The Principal, and HODs, with the help of faculty members, evaluates the progress achieved and problems faced by various committees. The functioning of the institutional bodies not only effective but also efficient producing tangible results. The policies, administrative system of the institute are meticulous. Not only the above, appointments and service rules along with procedures are followed thoroughly. The management has always welcomed the views and suggestions expressed by the faculties in taking institution in advance. The presence of the faculty can be found in all the committees.

The Institutional Management is designed in a logical way with transparency to get the optimum results out of it. Hierarchy structure s is established from top management to down the level clearly demarking the duties, responsibilities, accountability and authorities at every stage. The Governing Body of top management, Principal, HODs, teaching, non-teaching, and students work as a team to reinforce the culture of excellence. We build a far better Nation through Quality Education being the motto of the institute.

The over-all structure of the Institutional Management is categorized as academics and administration. Keeping in view of all the stakeholders more on students an effective administrative system is structured. The Institution has constituted various committees at institute and department level for the effective functioning of the organization. The objectives and functions of the committees are organized as per the guidelines of the head of the institution.

Principal is the chairperson of administrative and academic activities of the institution. Heads of the departments take the responsibility of heading all the administrative and academic activities of the department. The HODs possess both the academic and the financial autonomy in accordance with all academic aspects. They are entitled to take decisions as per the needs of the situations in exigencies and get them ratified by the Head of the Institution subsequently at a later stage. The Principal, HODs and Coordinators are proposing to Governing Body, for examining the execution of multiple events schedule, the amount has been approved. Based on the expertise of the faculty members, coordinators have been identified to lead different committees which are functioning effectively.

The IQAC submits not only the Strategic Perspective Plan to the Governing Body, but also submits various proposals for academics, administration and policy formulations. All proposals after ratification by the Governing Body are deployed and periodically reviewed by the IQAC. Various Committees in the College independently deploy their plans and report to the IQAC with regard to Quality Assurance.

Administrative setup: The principal as the head of the institution get the advice from Governing body and acts with the help of HODs and committees. The administrative committees are formulated and decisions are taken that can be executed.

File Description	Document
Upload any additional information	View Document
Link to Organogram of the Institution webpage	View Document
Paste link for additional information	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	View Document
Institutional data in prescribed format(Data template)	View Document
ERP (Enterprise Resource Planning) Document	View Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

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

Response:

The institution gives many welfare measures as well as helps financially to all teaching and non-teaching staff. Some of welfare measures for the staff are listed below:

Teaching Staff:

- Free transportation facilities for all teaching and non-teaching staff from all parts of Hyderabad.
- Group insurance is available for the students and staff members.
- Health Centre: To provide necessary medical aid to the students and staff in the campus a first aid centre is available and in case of emergency an ambulance is readily available within the institute. The institute has entered MOU with Ankitha hospital.
- Fee concession for the faculty's children.
- TA and DA allowances provided for FDP, workshops, seminar and training programmes to the teaching faculty.
- Paid leave for attending the course work exam those are pursuing their PhDs.
- Casual Leaves are provided.
- On-Duty for staff those who attend FDP's, Workshops, Conferences and etc.
- All women staff are given maternity leave and given three months of paid leaves.
- If the faculty members meet with an accident the salary payment of the period will be provided.
- The fee is paid by the SIIET towards his/her PhD on the condition that he/she has to work for this institution for the minimum period four years once he/she completes his/her research.
- Yoga, Gym and sport facility can be utilized in the institute and Grievance Redressal Cell is there for solving the grievances faced by the staff.

Non-Teaching Staff:

- Free transportation facilities for all non-teaching staff .
- Fee concession for the faculty's children.
- Group insurance is available.
- Festival advance.
- Festival bonus.
- Crash Course in Computer Basics for Supporting Staff.
- Casual Leaves are provided.
- On-Duty for attending JNTUH.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

Response: 20.38

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
28	37	18	19	7

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format(Data template)	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 10.2

6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
14	11	10	9	7

File Description	Document
Institutional data in prescribed format(Data template)	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 20.66

6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
63	21	7	15	3

File Description	Document
Upload any additional information	View Document
IQAC report summary	View Document
Institutional data in prescribed format(Data template)	View Document

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

Response:

SIJET has Performance Appraisal System for teaching and non-teaching staff. This is an important process for both institution and faculty. Performance Appraisal System initiated by IQAC. This is done for all faculty of departments of institution to maintain standards constantly. The performance of each employee is appraised annually after completion of one year of service. The Appraisal report is based on the Annual performance of the employee on the basis of their academic, research and other extra-curricular activities. The performance of the employees is evaluated as per the established norms.

The salient features of the performance appraisal system are as follows:

Teaching Staff :

1. Periodical reports that corresponds to the teaching and learning activities of faculty and cater the needs of all industrial and mentoring responsibilities as specified in policies and procedures.
2. Faculty assistance in the department, institution in various academic matters and committees etc.
3. Teaching, Learning and evaluation related to performance.
4. Co-Curricular, extension and professional development related activities.
5. Behavioral aspects and official conduct punctuality and obedience.
6. The performance of each faculty member is evaluated according to the Annual Self Assessment for the Performance Based Appraisal System.
7. The performance evaluation of each employee is based on his/her academic contribution, Research Publications and Academic Achievements and Administrative Contributions.
8. The faculty members concerned are informed well in advance of their due promotion.
9. The Performance Based Appraisal System proforma filled by the Faculty Member is checked and verified by the Heads of the Departments, IQAC and the Principal.
10. Faculty members whose promotions are due are recommended based on their API score and are required to appear before the management committee.

The above said performance appraisal report is to be filed by employee in a given prescribed format which includes all the above set related to points and sub points. The views of the employee filled in the prescribed format is reviewed by HODs and principal.

Non-Teaching Staff:

All non-teaching staff is evaluated through annual confidential reports and annual performance appraisal every year.

The different parameters are employed to review the staff members under different aspects like Knowledge of rules, Regulations, Latest updates and Procedures, Ability to organize work and carry it out, Ability and willingness to take up additional work in times of emergency, Ability to take up new work / responsibilities, Maintenance of files and records, Completion of work on time, Punctuality, Interaction with faculty/ colleagues and carefulness and sense of responsibility.

All these grievances are collected from the staff, Head of department and submitted to the administrator. The administrator again provides the necessary report to the Principal. Based on their performance eligible employees are granted promotions and financial up gradation under the Scheme.

So far the Annual Confidential Report and the performance Appraisal System have significantly helped in the evaluation of the performance of employees in motivating them, analyzing their strengths and weaknesses and ensuring better performance.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

SIJET has well defined mechanism to monitor effective and efficient use of available financial resources. The Institute has a system of internal and external audit. Internal audit may evaluate on improve the effectiveness of risk management and governance processes in the institutions. On the other hand an external audit is carried out by independent auditor in accordance with the law. The institution follows a well defined financial policy for effective and optimal utilization of financial resources for academic and administrative purpose. The budget is prepared well in advanced by taking into consideration the financial requirement of every department. Qualified Internal Auditor have been appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial.

Internal Audit: An Internal auditor is appointed to do the audit on regular basis. Internal audit helps to follow an effective approach to evaluate and enhance the effectiveness of financial transactions. The Institute auditor conducts the audit of accounts quarterly, scrutinizes and verifies all payments, receipts and journals vouchers of the transactions, cash books, ledger account and all bank accounts in every financial year.

External Audit: An external auditor appointed by the society, executes the statutory audit. A thorough investigation and verification of all transactions carried out in each financial year. Based upon observations given by the internal auditor, action will be initiated. A copy of internal audit report is preserved. The external statutory auditor shall visit the institute office once in a year for vouching audit and submitting the

final audit report. The proposals are made on different heads such as laboratory equipment, library expenses, salary payments, building and infrastructure, sports facilities and other maintenance expenses. The report of external auditor of the last year along with audited Balance Sheet and Income & Expenditure account is enclosed. After approval, the financial accounts, documents could be used for all statutory purposes. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the Principal, and chartered accountant. The auditors prepare and submit the income and expenditure statement and Balance Sheet and Depreciation statement. Then audited report is submitted by chartered accountant Mr. E.Sateesh Kumar & Co (Reg.No.- 0148885) and these financial documents are used for all statutory purpose. The external audit report kept open for reference to stakeholders.

At the beginning of the financial year the draft budget is prepared and put up before the Budget Committee. After it is passed by the Budget Committee it is placed before the Governing Body for approval. Apart from the student fund utilization and revenue and contingency expenditure, emphasis is given for utilization of the development fund on infrastructure development. It may be noted that the state government pay the fees (through reimbursement) to all eligible students admitted into the college. Thus, the receipts are very transparent.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year-wise during the last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Institutional data in prescribed format(Data template)	View Document
Institutional data in prescribed format(Data template)	View Document

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

Response:

The institute has very effective mechanism to monitor effective use of financial resources. Financial budget relating to functioning of the institution for the forthcoming academic year will be prepared by duly considering probable expenses and incomes. Institution offers the facilities for the various competitive examinations for generating income. The Management of the Institute ensures that expenses are incurred for the purpose of implementing institutional plans.

- Every year, the budget is prepared well in advance after taking into consideration the requirement of every Department. Each Department prepares the budget based on the requirement such as equipment, computer as well as consumable required for next academic session.
- Principal puts up the budget in Governing Body meeting and after discussion and necessary corrections/modifications Governing Body recommends the budget for approval. The budget is reviewed by the management and approved after necessary changes.
- Quotations invited and evaluated, comparative statement is prepared, suppliers are called for personal discussion and after comparing all aspects from various suppliers, orders are placed. This ensures that right equipment is purchased at most competitive price. Further accounts of the Institution are subject to internal and external audit. Any discrepancy in internal audit will be brought to the notice of the Principal.
- The payments is released after delivery of the respective goods it is done as per the terms and conditions mentioned in Purchase order.

Optimal utilization of funds is ensured through following:

The funds are granted through the collection of tuition fee . The Tuition fee is collected annually. The other sources of income are:

- Fee collection from students.
- FDR Interest
- Bank Interest
- Admissions/Lab/Library Fee

- Adequate funds are allocated for FDPs, Orientation programs, Workshops, etc. to ensure quality in education. Appropriate funds are allocated for enhancement of the library facilities. Adequate funds are utilized for development and maintenance of the infrastructure.

- Software & Internet charges
- Repair & maintenance
- Printing & stationary
- Equipment & Consumables
- Furniture & Fixtures

- Sufficient amount is allocated to procure suitable equipment for innovative student projects. The major source of income for the institute is the funds through tuition fee paid by the students. The Institute has standardized procedure for sanctioning of funds for various activities and also for

settlement of advance and passing of bills for payment.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5 Internal Quality Assurance System

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

Response:

The Internal Quality Assurance Cell was commenced in the year 2018 for quality of services being provided by the institution to its stakeholders. An IQAC council is shaped by the Governing Body to deal with Quality affirmation methodologies and cycles.

IQAC carried out a number of activities to make every faculty member aware of quality assurance strategies for academic excellence . IQAC continuously monitors all academic, Non academic and administrative activities for achieving institute's goals.

In last two years , the IQAC has recommended the following quality enhancement initiative

- 1.Financial assistance to meritorious students from low –SES background.
- 2.Establishment of Institute Industry Interaction Cell(IIIC) .
- 3.Strengthening of Alumni association.
- 4.Faculty participation in FDP.
- 5.Alumni interaction.
- 6.Library resource utilization.
- 7.Syllabus coverage.

IQAC has contributed significantly to continually improve the infrastructure, enhance the faculty competencies, and empower the students to become employable. The institute is providing various facilities for students to hone their learning and thinking process. For this purpose the institute is providing Pre-placement training programmes and trains along with Faculty Development Programme etc. By this way, students are going to learn and apply the knowledge in their day-to-day life.

1. Pre-Placement Training: Pre Placement training classes are conducted by coaching institute like TIME, learning Curves, etc. In our college Pre-Placement Training Programme is named after Graduate Training Programme (GTP). These classes are helpful for writing the placement exams and which is useful for thinking and development of students. Learned Knowledge ensures that the students develop confidence and are ready to face the selection. These are very much useful for students to write

competitive, placement exams and higher studies. The above said mentioned programmes will be helpful students to communicate effectively with colleagues, employers, clients and customers.

The objective of GTP Training:

To control and give right module of preparing that meets the business needs and improve their employability abilities.

The outcome of GTP Trainings is to

- 1) The Placement cell along with the Training Department organizes sessions and workshops with industry experts that help the students get an insight into the demands and needs of the market.
- 2) To communicate effectively with colleagues, employers, clients and customers.
- 3) The Training & Placement Cell of SIET works hard to provide training and finally place them in industry.

2. Faculty Development Programme (FDP) is one of the initiatives of IQAC for improving the quality of the faculty in various aspects. Staff advancement is a cycle to improve their abilities in the accompanying regions:

- (1) Teaching and Learning the knowledge,
- (2) Research and Development
- (3) Result Oriented Education
- (4) Faculty Personality Development.

Faculty Development programs help to strengthen the professional and administrative skills of the faculty members which leads to quality improvement of the institute. It intends to provide financial assistance to facilitate up-gradation of knowledge, skill and intends to provide opportunities for orientation training to teachers in honing talents.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

The Institute has strategic teaching learning process and has robust methodology for rolling out the method. At an equivalent time there's well-planned structure, as per the rules of IQAC, to review the Teaching Learning Process. The IQAC is liable for developing, coordinating and monitoring academic assessment activities to effect improvement in student learning. All the heads of the departments, deans and senior professors are members of the Institute and are chaired by the head of the Institution.

The Institute meets monthly as a scheduled activity and monitors all the activities. The Internal Quality Assurance Cell Supports the activity by involving various departments of the institute, and internal audit in each and every department in every semester.

The Academic Plan is kept ready well in advance before the commencement of semester for the courses is given twice during a semester. It is communicated to College and Heads of the Departments and necessary measures are taken.

Methodologies:

- A senior faculty with rich experience from the department act as the category organizer occasionally reports to the HOD about the prospectus inclusion and therefore the quantity of classes taken by the staff.
- The individual course schedules, plans, and related information/ materials are issued to the students at the commencement of the semester.
- A teaching-learning plan and a course schedule along with the tutorial calendar are going to be given to the College member well before the commencement of the semester. This is completed under the guidance of the HOD.
- IQAC also ensures the Parent Teacher Association of such students is completed with their respective mentor if required.

Outcomes :

IQAC occasionally guarantees the achievement of learning results of every course and program.

i) Course Files:

Course files are to bring objectives and methods of the course for teaching and learning of each topic. The College undergoes the syllabus and make sure that all the students fulfill the pre-requisites of the

course. The College starts schedule that they plan at the start of the year. A correct plan for every topic made by the College. The mapping of the course outcome is completed with the program outcome. Course files have proven be useful for the benefit of students with regarding clarity while teaching

ii) Evaluation-System with regard to IQAC reforms is given by Input Based Education to Outcome Based Education (OBE) with direct method i.e., teaching-learning process and Indirect methods i.e., Mid exams, lab internal, external and End semester(University examinations) exams using various assessment tools. The procedure of evaluation for OBE is as follows:

Evaluation procedure for Outcome Based Education: the varied assessment methods used for the evaluation of CO's are as follows.

1. Internal (Mid) Examinations: Two Mid Examinations are conducted for the students in each semester as per the university prescribed norms. The Mid- exam questions are mapped to COs.
2. Assignment Questions: Two assignments are given in each course and questions are mapped to COs.
3. Lab Examinations: This exam provides the sensible knowledge for college students. It consists of internal day-to-day evaluation, execution of programs and viva-voce. This is often helpful for college students to possess the sensible knowledge.
4. External Lab Examinations: This exam provides the sensible knowledge for college students. It consists of execution of program and external viva voce. This is often helpful for college students to possess the sensible knowledge.
5. End semester university examinations: The question paper for every course is given by the affiliating university. The marks scored by the students are given to assess the attainment level of the course. The Evaluation process is explained within the additional information.

The IQAC conduct periodical meetings with the departments, Council of the Heads, the principal, throughout the academic year in the presence of the IQAC coordinator. College has various committees for each and every department. The IQAC conducts an academic review of all departments collecting information on academic activities, such as completion of study programs, unit tests, assignments, seminars, group discussion, quiz and other activities.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)**
- 3.Participation in NIRF**
- 4.any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Response: B. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload any additional information	View Document
Institutional data in prescribed format(Data template)	View Document
Paste web link of Annual reports of Institution	View Document

Criterion 7 - 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 last five years.

Response:

Sri Indu Institute of Engineering and Technology is committed to promote Gender equality and provides a safe and secured environment for all the students, which is free from oppression, threat, and abuse or ragging. This is achieved by conducting various sensitization campaigns, training centers, seminars, programs. This Institution is free from ragging, sexual abuse and thus ensuring fundamental rights for all its stakeholders.

Security personnel are recruited and CCTV cameras are installed for the safety of the campus. Fire extinguishers are arranged and First aid service is available round the clock. Vehicles are prohibited from entering the campus. Faculty often provides counselling for the students regarding their personal problems, career guidance and academic matters. Common rooms are allotted for the students when they are ill. Day care centre is available in the campus to look after the needs of the children of the staff. So that the staff can do their official works smoothly. To ensure hygiene, Napkin vending machine and Destroyers (incinerator) are installed in the campus.

Gender equity Practice & Awareness Programs:

Sri Indu Institute of Engineering and Technology enthusiastically focuses on gender issues in the campus. The college provides a healthy and congenial atmosphere to the staff and students of the college by promoting measures aimed at achieving gender equity, removal of gender bias or discrimination, sexual harassment and other acts of gender based violence and organize awareness programs.

Gender equity & sensitization in curriculum:

The course on “Gender Sensitization (An Activity-based Course)” was introduced by the affiliating university JNTUH as a compulsory foundation course with two credits in II year I & II semester for all branches of Engineering and Technology from the academic year 2015-16 respectively. It should be treated as a Lab Subject. Further continuing with “Gender Sensitization Lab” from 2016-17 onwards.

Gender equity & sensitization in co-curricular activities:

The Gender equity promotion programs organized by the institution during the last five years:

- Sports and Games competitions for girls and boys.
- Various activities like Cultural programs, Dandiya & Bathukamma Celebrations, Plantation, and Yoga.

Facilities for women in the campus:

The following Specific facilities are provided for women:

1. **Safety and security:** (Room Number: A020, 15.91 sq.m area, Web link for Photo: <https://siiet.ac.in/wp-content/uploads/2020/09/7.1.1-facilities.pdf>)
2. **Counselling:** (Room Number: D010, 90.25 sq.m area, Web link for Photo: <https://siiet.ac.in/wp-content/uploads/2020/09/7.1.1-facilities.pdf>)
3. **Common Rooms:** (Room Number : A120, 15.91sq.m area, Web link for Photo: <https://siiet.ac.in/wp-content/uploads/2020/09/7.1.1-facilities.pdf>)
4. **Day care center for young children:** (Room Number: D215, 36.0 sq.m area, Web <https://siiet.ac.in/wp-content/uploads/2020/09/7.1.1-facilities.pdf>)

File Description	Document
Specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: A. 4 or All of the above

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

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system

- **Hazardous chemicals and radioactive waste management**

Response:

The Institution activities to keep the environment green and pollution free are encouraging and evolving best efforts to manage waste from its source until its final disposal is done. This includes the collection, transport, treatment and disposal of waste.

In this regard, it is appropriate to mention that as per the guidelines, the University has framed a course named Environmental Science which is a mandatory course for students of all branches through which awareness about the environment and related issues with solution strategies is imparted. Many awareness environment awareness programs are also organized.

Solid waste management:

Sri Indu Institute practices the separation of Solid Waste and its effective management in the campus. The waste bins are provided separately for dry and wet waste at every corner of the corridor, wash rooms and common room. Usage of one-sided paper is encouraged.

While Leftover food from the college canteen will be collected and given to Cattle field near Sheriguda Village, Cattle field gives us dung in return to produce biogas from plant in college.

The college canteen consciously makes an effort to reduce the use of plastic and uses the steel utensils instead for serving food.

We have a MOU with URBAN REBOX IT PVT.LTD for promoting zero waste management (recycle, up-cycle of e-waste, plastic and solid waste).

Liquid waste management:

The institute practices separation of waste water into fresh water from wash rooms and water from laboratories. Effective reuse of waste water from RO plant is being used for irrigating the green areas. Recycled water is used for flushing of toilets and watering the gardens.

E-waste management:

E-waste generated, is given to the authorized dealers, who purchase the scrap and reuse for the useful components. Apart from this, the electronic and electrical instruments under repair are given to the students during the lab sessions to dismantle and reassemble, which help in application oriented learning.

Institute has a MoU with URBAN REBOX IT PVT.LTD for e-waste to help us to dispose waste properly to protect the environment and recycle it to make useful products.

Waste recycling system:

It handles the liquid wastes and makes it suitable for reusing. Recycled water is used for toilet flushing and gardening. Rain water harvesting pits are constructed within the campus. It helped in preventing water logging inside the campus during summer. All buildings have been provided with rain water harvesting

systems.

Hazardous chemicals and radioactive waste management:

Hazardous Chemicals are kept separately in the store room away from the reach of students. Lab In-charges take care of the chemicals and safety norms in the laboratory are strictly followed. Students are made aware of the hazardous chemicals and safety aspects before utilizing the chemicals.

Biomedical waste management:

The institute is not involved in any clinical experiments directly hence no biomedical waste is generated.

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

7.1.4 Water conservation facilities available in the Institution:

- 1. Rain water harvesting**
- 2. Borewell /Open well recharge**
- 3. Construction of tanks and bunds**
- 4. Waste water recycling**
- 5. Maintenance of water bodies and distribution system in the campus**

Response: A. Any 4 or all of the above

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

7.1.5 Green campus initiatives include:

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. Landscaping with trees and plants**

Response: Any 4 or All of the above

File Description	Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

Response: A. Any 4 or all of the above

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

7.1.7 The Institution has disabled-friendly, barrier free environment

- 1.Built environment with ramps/lifts for easy access to classrooms.**
- 2.Disabled-friendly washrooms**
- 3.Signage including tactile path, lights, display boards and signposts**
- 4.Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**
- 5.Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: A. Any 4 or all of the above

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

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

Sri Indu Institute of Engineering and Technology is located at Sheriguda-Ibrahimpattam route, on the outskirts of Hyderabad which spreads over 11.14 acres of green lush campus enveloped with serene environment. Over 3000 strength of students along with about 200 faculty members come from various cultural backgrounds representing diversity.

The institute adorns a festive look to celebrate Bathukamma, the state festival of Telangana. Many competitions such as 'Bathukamma' and 'Rangoli' display the enthusiasm and teamwork of the faculty. Themes based on the role of agriculture are chosen for Rangoli competition. Many departments such as Physical Education and Humanities and Sciences work in collaboration for the benefit of the institution and conduct various competitions for the faculties and students in the campus.

Techno Era is a brand cultural and college fest of the institution which will be held for two days in the campus every year. Famous personalities will be invited to this event to address the students in such way that, they get inspired and learn the importance of culture, human values, and ethics. In this mega event, all the students actively participate and enjoy the family environment of SIET. Students from different community, religion, culture, region and language are equally participating in this event and thus elated to be a part of these occasions.

Telangana Formation Day is a momentous occasion to celebrate in this Institution, which will be held every year. In this event, the students from various parts of the country get equal opportunities to learn Telugu as language and also exhibit multi - linguistic culture. To provide an inclusive environment i.e., communal, socio-economic etc., and to feel responsible towards protecting nature, the Institute facilitates creating healthy and eco-friendly environment.

The institute takes extra efforts in providing an inclusive environment for all the students and employees. Tolerance and Harmony to cultural, regional, linguistic, communal socioeconomic and other diversities is best achieved by the major events like Dussehra, Sankranti/ pongal, Bathukamma Festival, Dandiya Festival, Tech Fest and Cultural Fest at Institute levels. New Year celebration brings in fun filled games and special food amplifies spirit of togetherness.

Our Institute celebrates Constitution day, Independence Day, Republic Day, National Voters Day and Human Rights Day every year. The college has organized events such as Youth for Nation Building, Awareness on Different Schemes of Prime Minister. These programs create a feeling of patriotism among the people and remind the responsibilities towards our country and supreme sacrifices made by the great freedom fighters. International commemorative days like International Yoga day and world music day are celebrated and marked by appropriate competitions.

Students have formed various clubs at the campus levels which also support and propagate the idea of diverse cultures. The student's cultural programme has always themed of communal and inter-religious harmony. Social connect with rural people residing in and around the institute is encouraged respecting the cultural, communal, socio-economic and linguistic values of the local people.

File Description	Document
Any other relevant information.	View Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

The course on “Constitution of India” was introduced by the affiliating university JNTUH as a compulsory foundation course in II year in B.Tech for all branches of Engineering and Technology from the Academic Year 2018-19.

Course Outcomes:

Students will be able to:

- Discuss the growth of the demand for civil rights in India for the bulk of Indians before the arrival of Gandhi in Indian politics.
- Discuss the intellectual origins of the framework of argument that informed the conceptualization of social reforms leading to revolution in India.
- Discuss the circumstances surrounding the foundation of the Congress Socialist Party under the leadership of Jawaharlal Nehru and the eventual failure of the proposal of direct elections through adult suffrage in the Indian Constitution.
- Discuss the passage of the Hindu Code Bill of 1956.

The Institution organizes various activities for sensitization of the students and employees for inculcating values, rights, duties and responsibilities for being responsible citizens of India.

Institution conducts speech competition on various topics such as, Human Rights and Responsibilities,

National Integration of India to create awareness among students about different human rights and responsibilities of Indian citizen and national integration to protect fundamental rights, which will create an opportunity to live together in peace and prosperity.

Institution organizes Swachh Bharath Abhiyan to create awareness about cleanliness in and around the campus. In addition, the institution also organizes blood donation camps to encourage students to contribute for public health.

Institution celebrates the National Day of India, such as Independence Day and Republic Day, every year. These events begin with hoisting of the national flag by the Principal, Staff and Students.

The different programs organized by the SIJET are National Constitution Day, Human Rights Day, Gandhi Jayanti, Awareness Program on Fundamental Duties and Rights of Indian Citizens.

File Description	Document
Any other relevant information	View Document
Details of activities that inculcate values; necessary to render students in to responsible citizens	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

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

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

Sri Indu Institute of Engineering and Technology(SIIET) celebrates every year various national and international commemorative days, events and festivals with a view to promote patriotism, concern for the community, human values, inclusiveness and spirit of camaraderie. Also celebrate birth/death anniversaries of the great Indian personalities. Our Institution is committed to promote ethics and values among students and faculty.

- Traditional day
- National Youth Day- The birthday of Swami Vivekananda-12th January
- Pongal Celebration-During Sankranti festival
- Krishna ashtami celebrations
- Republic day- 26th January
- Martyrs day-30th January
- National Science Day-28th February
- International Women's Day -8th March
- International Day of Yoga – 21st June
- Haritha Haram Day
- Dr.Abdul Kalam Memorial Day-27th July
- Independence Day- 15th August
- Teacher's Day - Sir Sarvepally Radhakrishnan's Birth Anniversary- 5th September
- Engineer's Day- Sir Mokshagundam Visvesvaraya Birth Anniversary- 15th September
- Gandhi Jayanthi- 2nd October
- Bathukamma Festival- During Dussehra
- Children's day-14th November

File Description	Document
Geotagged photographs of some of the events	View Document
Any other relevant information	View Document
Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

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

Response:**Best Practice – I****1. TITLE OF THE PRACTICE:**

ECO-FRIENDLY CAMPUS FORMATION AND PRESERVATION.

2. OBJECTIVES OF THE PRACTICE:

- For the sustainable growth and development of bio diversity, awareness should be created among the college community regarding steps to protect bio diversity.
- We should take necessary measures for preservation of biological diversity and eco sensitive area for the sustainable growth.
- We should learn the traditional way of conservation from local communities and make sure that the involvement leads to proper use of resources.

3. CONTEXT:

The college is maintaining pollution free environment premises. Today there is a great need for conservation. The main caused behind these problems is that human beings are consuming natural recourses at a much quicker pace than they can be replenished. We have to educate and make aware students on the issues such as renewable energy sources, waste management and recycling. We decided to work in the areas of power, plant, water and cleanliness.

4. THE PRACTICE:

Eco-Friendly Practices followed by both the faculty and the students on the campus are:

Haritha Haram:

The program was launched by Chairman Sri R.Venkat Rao on 7 July 2015. It is one of the Flagship programs to rejuvenate degraded trees and plants with in the campus. Planting many plants increases the oxygen levels and decreases the pollution to our environment. Many trees like guava, neem, mango, berry, banana, and sapodilla are planted. Special care was taken for their better growth like watering, regular cutting, using organic pesticides and organic composts. Even some flowering plants like rose, jasmine, nerium, marigold etc are planted. This gives a beauty and good look to the college. Several measures are taken by the management of institution for the plantation of trees around the campus. About 30-40% area is covered with trees, plants which create a healthy and green environment in the campus.

Swachh Bharat:

On 2nd October 2014, **Swachh Bharat** Mission was launched the length and breadth of the country as a national movement. The campaign aims to achieve the vision of a 'Clean India' . The **Swachh Bharat** Abhiyan is the most significant cleanliness campaign by the Government of India. As a part of clean and green program, the college started the swachh bharath program in our college premises .The students and faculty involved to make the campus clean by removing the scrap.

Plastic free campus:

The institution discourages the usage of plastic bags and cups within the premises. There was a strict rule from the institute to use only steel plates or leaf plates and steel cups or paper cups. Even the faculty in the

college prefers to use steel water bottles instead of plastic water bottles. Some programs are also arranged within the campus to get awareness about the pros and cons of plastic usage and steps to implement the decrease in the plastic usage within the campus.

Bicycles and Public Transport:

There is the usage of bicycles by most of the students and faculty who are living near to the college. This helps in reducing the emission of carbon dioxide obtained by vehicle usage. To discourage emission we encourage the faculty to go for car pooling. So that the campus will be pollution free.

Pedestrians Friendly Roads:

Campus has sufficient space for parking vehicles of staff and students. Pedestrians can walk safely through the campus through walk friendly pathways. Entry of vehicles inside the campus is restricted. There was a well-furnished and maintained roads with trees on the both sides of the road way. Avenues are created and well maintained by providing water for the plants which leads to the protection of the environment.

Paperless office:

The main vision is to use less paper or no paper. All the details regarding academic, office are mostly maintained in the system records only. Even in the library, the books are issued through systems only. The official or any important circulars are preferred to send through mail or message. The entire campus is surrounded by the Wi-Fi connection which makes the paper less work easier.

Solar water heaters:

Array of solar panels are installed on rooftop of college hostel building. It is a part of solar system to provide hot water and is one of the major alternate sources of energy, which results in saving electricity, a scarce resource in our country.

Awareness about Environment:

It means educating people about ecology. It is necessary to decrease the harm to nature by human activities. Moreover, Environmental awareness serves as an idea that enables humans across the region to understand the economic, exquisite, and biological importance of the environment and how to protect and preserve them by eliminating human activities. In over-view of above conditions, the college has conducted environmental awareness program which includes awareness about the human activities which lead to the cause of destruction in nature, precautions that to be taken by us to protect our environment. All the students and faculty took an active participation in this environment awareness and took an oath that they protect the environment for a better tomorrow.

Sanitary Napkins Incinerator:

All over the world, the disposal of the used Sanitary Napkins has been a very common problem. Our Sanitary Napkin for hygienic Incinerators is used to resolve this problem. Our institute encourages sanitary napkin disposing needs, here the used napkins is converted into a sterile ash. It helps to destroy used napkins in a scientific and hygienic way so, it is very suitable for all ladies toilets to get a pollution free hygienic environment.

5. EVIDENCE OF SUCCESS:

The following steps are followed for attempting a success in eco-friendly environment

The plantations and their maintenance:

There was a separate area for the trees and plants. A special care is taken for the growth and maintenance of the plants. Initially weeds are removed from the campus and roads are kept spic and span. The plants have been pruned regularly as a part of maintenance.

Grid connected solar photo voltaic power plant:

The institution has a solar power project of 75 KWP. Advanced technology based solar equipments were installed that will reduce emissions. On-grid solar power systems generate power using a solar power system and are directly connected to the utility power grid. These systems send excess power generated by the solar power system to the utility grid and consumers get compensated for the extra power fed back.

Waste management:

The seasonal shedding of leaves is collected in a pit which can be used as compost for the plants and trees. The dead wood is distributed to the nearby laborers which can be used as a fuel hence waste can be converted into harmless compost and a fuel.

Summary sheet of Events are as follows:

Academic year	2019-20	2018-19	2017-18	2016-17	2015-16
No of events	3	2	2	2	2

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

- Preservation and healthy growth of plants require a lot of human resource planning.
- Water shortage problem was overcome with drip irrigation.
- In summer season, we have to face a lot of water scarcity. Hence in order to meet requirements we need to hire water tankers.
- Even though opportunities are at hand to face eco-friendly possibilities on the campus, it is filled with Extortionate issues.
- Maintenance of solar power project is costly because of panels arrangement and continuous checking of power grid to avoid technical problems.
- If any network issues in the Wi-Fi, delay in the transmitting of information.

BEST PRACTICE -II

1. TITLE OF THE PRACTICE:

INTERACTIVE AND MARVELOUS EVENTS BY STAFF AND STUDENTS.

2. OBJECTIVES OF THE PRACTICE:

- The events like social and cultural activities are prepared by students from and staff for real life and by strengthening their personal skills.
- They not only help students to identify themselves with the university, but also assist students to develop themselves in a desired field.
- They also improve skills such as organizational, presentation, leadership and interpersonal communication.

3. THE CONTEXT:

Our institute is organizing multiple events every year like Traditional Day, Technical Fest etc. By conducting these kinds of events, students will have fun and encouraging them to participate to showcase their talent. These amazing college events play a significant role in shaping the career of the students. Participating in cultural activities provides students that how to interact with new people and build their network. These are not only builds their interpersonal skills and also prepare them for the real life situations. Students grow in multiple directions if they actively participate in college fests. Students who volunteer and organize college fests display their self-starter attitude, which is highly appreciated by recruiters, especially while hiring for managerial positions.

4. THE PRACTICE:

Context of the events is explained by the staff to the students and practicing them on regular basis. Faculty members provide the suggestions to the student about how to involve and encourage them to participate in extra activities.

Technical Fest:

A variety of general technical events like Quiz, Rob race, Treasure hunt, Gaming events like, Technical paper presentation and branch specific events like Quick Surveying & Model Making for Civil Engineering., CAD & Foundry Modeling for Mechanical Engineering., C/C++ Debugging & Programming for CSE., and Circuit rig-up/Debugging & Engineers eye for ECE.

Annual Day:

Annual Day is getting celebrated every year in college among staff and students. The multiple events are conducted in Annual Day to encourage students by faculty. The events like treasure hunting, fashion show among staff and students, dance competition, singing competition, speeches, and drama competitions are conducted in Annual Day in our institute.

Engineer's day:

Engineer's day in India is celebrated as tribute to the greatest Indian Engineer and Bharat Ratna sir Mokshagundam Vishweshwarayya, popularly known as M.V visvesvaraya was born on September 15, 1861, to a telugu family in Chikkaballapur, Karnataka.

Traditional Day:

Everyone in a college come dressed in their best ethnic attires. Students, interns, teachers and non-teaching staff participated with great ecstasy. Everyone displayed their various cultures by dressing their best which was a colorful treat to the eyes in itself. Lots of pictures were clicked by everyone to create memories of this beautiful day.

Graduation day:

Graduation Day is very special to us and for the students who are graduating. It is a celebration of the beginning of a new phase in the career. Every year hundreds of students are graduated with utmost pass percentages. Students are assured placements in MNCs. Graduated students are felicitated amidst dignitaries, the governing body members, staff, students and parents.

Orientation Day:

We celebrate Orientation Day every year is a way to students to meet other students become familiar with campus environment. In the beginning of the first year, students need to be made acquainted to their surroundings in the campus. It is an essential period at the beginning of the college session, which allows the students to get settled in their new environment. Teacher-coordinator of every stream sets a model of introductory orientation program that includes academic as well as social activities.

The three basic goals of any university/college when organizing an orientation week/month are:

- Introducing students to their college life.
- Incorporating them in the university environment.
- Giving the opportunity to the university members and faculties to get connected to the new batch.

Women's Day:

We celebrate women's day on 8th March in our Institute every year. On this occasion, there were various events of celebrations performed by the students of the college. Students, too, shared their views on women empowerment and ongoing scenarios. A cultural show is performed which emphasized the role of women in the society.

Yoga day:

International Yoga day was celebrated in the month of June 21st by students and faculty teachers with enthusiasm. The principal explained about how yoga is useful and also explained its importance in life. Pupils recorded their videos of doing yoga at home. On this occasion, Principal encourage the students to practice yoga regularly to remain physically fit and improve concentration.

Shivaji jayanthi:

Chhatrapati Shivaji Maharaj Jayanti or Shivaji Jayanti is the birth anniversary of Maratha king Shivaji. Shivaji Jayanti is celebrated on February 19 every year in honor of the founder of the Hindu Kingdom. This year marks the 391 birth anniversary of the great Maratha. Chhatrapati Shivaji was one of the bravest, progressive and sensible monarchs of India.

5. EVIDENCE OF SUCCESS:

Evidence of success is about participation of students with the help of faculty in different tasks are conducted in cultural events. The students participated with energy and enthusiasm. Data is collected from the students and giving them participation certificates in every event, encouraging them with appreciations and making the event successful.

Students participated in events by making speeches, and participated in flash mob, singing competitions, they created technical projects in technical fest for improving or showing their skills and knowledge.

Cultural events like Bathukamma event and dressing of students in traditional way of showing their culture and fashion show competitions are celebrated in traditional day and college fest. Events are an activity that demonstrate a talent and primarily contributes value to students.

Summery sheet of Events are as follows:

Academic Year	2019-20	2018-19	2017-18	2016-17	2015-16
No .of Events	7	7	7	7	7

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:

- Some problems encountered while conducting events they are:
- After you raise fund and has budget, the real work starts for the organizer. Everyone wants to be in the early slots and no one wants to take the ending slots.
- Everyone thinks their theme/play/show is the best and it has to be presented within early hour.
- Even after slots are decided, the next problem is to manage them, giving them cue card and handle it smoothly. Organizers have to be in breathless rush for that.
- There are some faculties /guests in college who would want all the priority every time. Especially when such events or fests happen they want front row, judge seat, dais seat, microphone etc.
- As college expands, more and more of your employees' time will be consumed by manual data entry or other repetitive tasks. On such a large scale, manual tasks become increasingly error prone.

File Description	Document
Any other relevant information	View Document
Best practices in the Institutional web site	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Location Advantage, Quality residential Hostel for girls and Holistic development through Clubs:

Sri Indu Institute of Engineering and Technology was established by Global Trendset Educational Society - 2006, Vanastalipuram, Hyderabad under the chairmanship of Sri. R. Venkat Rao. The institution is situated with an extent of 54 acres on the Nagarjuna Sagar highway at a distance of 15KM from L B Nagar, Hyderabad, Telangana State. The college is recognized under 2(f) of UGC act 1956 approved by the AICTE, New Delhi and permanently affiliated to Jawaharlal Nehru Technological University, Hyderabad, Telangana.

Our website: <http://www.siiet.ac.in/>

Location Advantage:

Sri Indu Institute of Engineering and Technology is surrounded by several villages and the ambience is set in a completely rural background with serene atmosphere. Many students are coming from nearby villages such as Sheriguda, Patelguda, Mangalpally etc. Most of the students prefer to attend the college on foot and by bicycle. Due to these factors the institute is free from pollution and doesn't get exposed to contamination. With these aspects students will get benefited not only financially but also health point of view. By possessing the above special features, the institution maintains its distinctiveness.

The students of this institute do not get disturbed since the campus is away from buzzing city life. The students do not have any distraction and so naturally concentrate their studies thoroughly. Moreover, education facilities get decentralized if the institutes are established in different locations. Thus the institution is blessed to be close with the nature. By staying away from the metropolitan environment, students will focus on studies rather than other avocations. Thus those who come from nearby places will have the advantage of low cost maintenance, and also they can save time. Though the institute is on the high way, it is thus attached to rural area.

The institute caters the needs and demands of students with regarding the transportation both for faculty and students with bus services covering from different areas covering the length and breathe of the city like Dilsukhnagar, Mehdipatnam, Kukatpally, Alwal, Ghatkesar etc. to the Institute. The buses are safe with well trained drivers appointed by the college authorities. The buses also equipped with First- Aid facility. These buses are secured, comfortable and affordable.

Quality Residential Hostel for Girls:

The institute provides Residential Hostel exclusively for the girls. It caters homely hygienic food with delicious multi cuisine items with south Indian and north Indian delicacies. This hostel is fully equipped with modernized amenities. The student will have the advantage of attending for the study hours so that they can clarify their doubts. The institute charges reasonable fee and they are provided with complete security consisting of CC cameras. The hostel also provides First Aid service, mineral water and gives utmost importance to cleanliness. Students are taken by the dedicated wardens and supporting staff. The grievances of the hostellers are addressed immediately and there will also be visiting hours for the

parents and guardians in a stipulated time. The hostel is Wi-Fi enabled with power backup facility. The hostel also provides the lift facility, hot water and TV. Students are allowed to go outside provided they must take prior permission from the warden concerned and they are expected to return to the hostel before the schedule time. To discourage the ragging in the hostel, the accommodation rooms are provided separately for both seniors and juniors. Strict action would be initiated if any student indulges in indiscipline and no student is expected to bring objectionable items to the hostel.

Student Clubs:

The institute patronizes different clubs to encourage students so that the students will showcase their talents. The campus comprises various students clubs which include: Arts and crafts, campus radio, dancing club, music club and photography. Keeping in view of the welfare of the students, different clubs are formed such as arts and crafts club, music club, dance club, campus radio and photography.

By participating in these clubs, students will showcase their talents and become role models for others. These activities will definitely improve the moral, intellectual and spiritual levels of students. The students are actively participating not only in curricular and co-curricular activities but also in extra-curricular activities viz., the college Annual day, Graduation day, Tech-Fest ceremony and Traditional day. For these programs the students are practicing the classical, western, solo and group dance. Not only dance practices and also singing rehearsals are conducted through the music club. In campus radio, the students will announce the upcoming events, exam updates and wishes to the students those who secure highest marks branch wise and subject wise. The students act like a Radio Jockey to prove their talent as professionals. During evening times, sometimes the quizzes are conducted among the students for their academic growth. Along with these, the students will also take part in technological debates and social interactions, which improve the communicative skills and hone the latent talents of the students. Those who are interested in photography are encouraged to be a part of photography club. These students will learn different techniques with regarding photography and thus encouraged as per their personal aptitude.

Our institute is providing a large playing field in order to support a wide range of both indoor and outdoor games, Viz., Volleyball, Throw Ball, Kabaddi and Kho-Kho, Table Tennis, Badminton, Weight Lifting, Power Lifting, Chess, and Caroms. SIJET also has the area meant for Yoga and gymnasium comprising all facilities. This sort of encouraging students leads physical strength and mental agility.

File Description	Document
Any other relevant information	View Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

- The Nobel Peace Prize Winner Sri. Kailash Sathyardhi visited our campus as a Chief Guest on the occasion of our College Annual Day on 28th February 2018. He spoke at length about the rights of the deprived children.
- The Institute has sprawling green campus to meet the requirements of its student strength and the faculty as well in all the departments. It has also efficient supporting staff for the smooth functioning of the administration.
- So as to meet the vision and mission of the Institute, the excellent teaching-learning process is inculcated among students along with innovative research culture, and thus having good governance practices by the Institution.
- The Institute has good infrastructure with advanced Class Rooms and updated laboratories. It has well-qualified and experienced faculty with efficient supporting staff to have smooth administration.
- The campus is situated on the state highway and very easily accessible to all students.
- It's with good approach roads along with internal roads. The Institute has good infrastructure with advanced Class Rooms and upgraded laboratories.
- SIIET also provides scholarships to the meritorious and economically backward students to fulfill their hopes and aspirations.
- The Institute is recognized under 2(f)-UGC Act-1956.
- Some of the teaching faculty members have already cleared the online certification courses successfully in SWAYAM courses through the NPTEL.
- The teaching staff has been filed with six Patents.
- Our students have participated through S-Hub in the Start Up Cell of the JNTUH-CEH and won First Prize in HACKATHON-2019 under Project Model Contest.
- The Telangana State Government has initiated the "Haritha Haram" and we have been doing the Plantation Programme in the Campus besides in the neighbouring villages.
- We have been successfully maintaining the Mentor-Mentee System and remedial classes are arranged for the slow learners.

Concluding Remarks :

This Institute provides best quality education to the students. In such a conducive and competitive environment, the Institution strives to enrich its best practices in the direction of learning, research culture and producing entrepreneurs. In addition to the university curriculum, the students are trained in a holistic way by inculcating ethical and moral values, making them socially conscious, which makes them responsible citizens. Thus, by upgrading with best practices, the Institute works towards improvisation of teaching methodologies.

Renowned academicians from the industry are invited to train and enhance students' employability skills. The institution has signed Memorandum of Understanding (MoU) with many industries, which offer internship positions to students and visit the campus for placements.

Thus, SIIET is making strenuous efforts in marching with a rapid growth in academics, research and extra-curricular activities with a well-defined vision and mission. The Governing Body, the IQAC and the Academic Cell and various committees play vital role in meeting the aspirations of the stakeholders. The faculty members

join hands with the Institute's zeal to enhance quality of education for the attainment of vision, mission and values.

The process of preparation of the self-study report of SIIET for the NAAC inspection has given impetus to assess the quality of academic and administrative practices in the Institute and to perform SWOC. The Institute is looking forward to the NAAC peer team visit not only to showcase our academic performance but also to receive suggestions in order to tune up the system.

NAAC