YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Sreenidhi Institute of Science and Technology
• Name of the Head of the institution	Dr.T.Ch.Siva Reddy
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9948119481
• Alternate phone No.	9441321532
• Mobile No. (Principal)	9948119481
• Registered e-mail ID (Principal)	principal@sreenidhi.edu.in
• Address	Yamanampet, Ghatkesar
• City/Town	Hyderabad
• State/UT	Telangana
• Pin Code	501301
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	14/06/2010
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr.D.Kondayya**
• Phone No.	**9441321532**
• Mobile No:	**9441321532**
• IQAC e-mail ID	**iqac-snist@sreenidhi.edu.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.sreenidhi.edu.in/attachments/IQAC/Final_aqar_report-2019-20.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.sreenidhi.edu.in/pagecontents.php?catid=12&scatid=266

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.18**	**2013**	**23/03/2013**	**22/03/2018**
Cycle 2	**A+**	**3.28**	**2021**	**29/03/2021**	**30/03/2026**

6.Date of Establishment of IQAC	**18/10/2013**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Institution	**TEQIP -I (World Bank Fund)Phase-I**	**Govt. of India**	**20/09/2007**	**112000000**
Institution	**TEQIP -II (World Bank Fund)Phase-II**	**Govt. of India**	**01/03/2012**	**40000000**

8.Provide details regarding the composition of the IQAC:		
• Upload the latest notification regarding the composition of the IQAC by the HEI	<u>View File</u>	
9.No. of IQAC meetings held during the year	**3**	
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	**Yes**	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	**No**	
• If yes, mention the amount		

11.Significant contributions made by IQAC during the current year (maximum five bullets)
Preparation of Annual Quality Assurance Report
Conduct of Student Satisfaction Survey as per NAAC format and Analysis of the report
Faculty Appraisal Form (360 degrees feed back)
Teaching on Online Learning Platform (LMS) - TCS Ion
External audit for NBA of Departments
Submission of the AICTE-IDEA Lab project proposal under the initiative of IQAC

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Effective Teaching-Learning Process during pandemic using LMS	The college has purchased LMS from TCS-Ion, which has dramatically helped the faculty engage the Lecture hours with ease and effectively.
Organizing online FDPs/Worshops by various departments	Several online FDPs/Workshops were conducted by the departments for the benefit of faculty and students
External Audit of departments	External audit was conducted by Professors from NIT, JNTUH, OU and other higher order institutions and suggestions were given for development of departments
Submission of revised SAR of various depts for NBA inspection	Revised SAR was submitted to NBA by including the data for the academic year 2019-20

13.Was the AQAR placed before the statutory body?	No

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Nil	Nil

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
06/03/2020	06/03/2020

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	14

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	7060

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	1893

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	7056

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	767

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	355

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**353**
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**718**
4.2 Total number of Classrooms and Seminar halls	**96**
4.3 Total number of computers on campus for academic purposes	**2350**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**751.49**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Institute has Boards of Studies for UG and PG programmes. Each respective board takes into consideration the institutional Vision and Mission while preparing curriculum and subsequent revisions are put up before the Academic Council which consists of Institute members and external subject experts and university representatives as per the guidelines issued by UGC for Autonomous Colleges. Their inputs are implemented in the revision of syllabus. Sreenidhi Institute of Science and Technology was conferred the autonomous status in the year 2010-11 by UGC and since then, the institute has been formulating its own syllabi in the following methodology as explained below. The PEOs are aligned with the Mission of the

department and in turn the Mission of the department is in line with the Mission of the Institution. For undergraduate programs, NBA has given guidelines with regard to Program Outcomes (PO) in the form of Graduate Attributes. Program outcomes must match with all the Program Educational Objectives(PEOs) of the program. We at Sreenidhi Institute of Science and Technology, adhere to and follow these NBA guidelines while defining the outcomes of the various courses offered. Each of the courses offered for a program is matched with at least one program outcome of the programme concerned. Thus, all the program outcomes are covered by all the courses offered for a particular program. Feedback is taken from all stakeholders in modification of existing courses and introduction of new courses based on the local needs and at the national and global needs. Depending upon the units in each of the course, a course outcome can be defined. It means that there must be some competency developed in the student when a particular unit of a subject is completed. For simplicity the college has adopted a method of defining a course outcome for each of the unit in a course. It is necessary that the course outcomes must match with the program outcomes desired after completing a subject. Thus the process of matching course outcomes with program outcomes and program outcomes with program educational objectives, Program educational objectives with mission statements of the branch concerned and the mission statement of the branch concerned must be in line with mission of the Institution has been carried out. The curriculum is developed by the Boards of Studies concerned and subsequently approved by the Academic Council on which the above process of Course Outcomes, Program Outcomes, Program Educational Objectives is carried out. The Program Educational Objectives are to be in line with the Mission Statement of the Department which in turn is in line with the Mission of the Institute.

The autonomous curriculum, scheme of instructions, syllabus are set to meet basic skills expected from a graduate, industrial needs, local demand and in view of global needs and current technology courses. To enrich the knowledge in certain specializations of the main stream as per the current technology needs, a number of streams of Professional Electives are introduced. Open Electives can be offered as per AICTE guidelines.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=12&scatid=273

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

7

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	**No File Uploaded**

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

272

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

272

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

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

14

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

HUMAN VALUES AND PROFESSIONAL ETHICS IN HIGHER EDUCATION Course Objectives This course intends 1. To help students appreciate the essential 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity, the core aspirations of all human beings. 2. To facilitate the development of a Holistic perspective among students towards life, profession, happiness and prosperity based on an understanding of the Human reality. Such a holistic perspective forms the basis of Universal Human Values and movement towards value-based living. 3. To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually fulfilling human behavior and mutually enriching interaction with Nature. Course Outcomes: 1.Learns being a human, understands values and purpose of education 2.Understands the importance of harmony. 3.Improves Learning capabilities and communication skills. 1.Understands and appreciates the importance of personality development and yoga for a holistic life. 2.Understands the essence of Morals, Ethics, Values and Social responsibilities for successful life. GENDER SENSITIZATION, VALUES, ETHICS AND YOGA Course Objective: To develop students' sensibility with regard to issues of gender in contemporary India, provide a

critical perspective on the socialization of men and women, introduce students to information about some key biological aspects of genders, expose the students to debates on the politics and economics of work and help students reflect critically on gender violence. Identify the core values that shape the ethical behavior of an engineer, to create an awareness on professional ethics and Human Values and to appreciate therights of others. Course Outcomes: 1.To develop students' sensibility with regards to issues of gender in contemporary India. 2.To provide a critical perspective on the socialization of men, women and transgender, to acknowledge women's role at home and at work and to have a wider understanding of Ethics. 3.To help students reflect critically on gender violence. 4.Perceive gender literacy and understand the importance of gender perspective. 5.Understand rules and principles set by the society in a customary way. . ENVIRONMENTAL AND APPLIED CHEMISTRY To learn the preparation methods and applications of commercial and conducting polymers, to understand the Ecosystems and Bio diversity, sustainable development and green technology, the natural resources available and over exploitation of resources. To develop the concepts and preparation methods of fuels and to have idea about pollution and to learn the control methods for pollution. Course Outcomes: 1.Explain methodologies that facilitate greater control over product and enable novel polymer architectures. 2.Understand the concept, Structure and Function of Eco system in order to save the environment. 3.Use the techniques in sustainable development with regard to Water, Wasteland reclamation, Environmental management and green technology 4.Identify the natural resources available and how to save the resources. 5.Apply techniques in preparation and use of energy sources in industries. 6.Apply Control measures of Urban and Industrial waste to reduce pollution.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

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

24

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	**No File Uploaded**

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

582

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

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

2601

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

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.sreenidhi.edu.in/pagecontents.php?catid=11&scatid=492
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	**No File Uploaded**

1.4.2 - The feedback system of the Institution comprises the following

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.sreenidhi.edu.in/pagecontents.php?catid=11&scatid=492
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1581

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

1075

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The institution is committed towards the pursuit of excellence. The college is an autonomous institution which strives for Outcome based Educational Philosphy. All acdemic procedures are developed and oriented towards student-centric learning environment. The students have the benefit of experential, particpative and problem solving

methodology as explained hereunder. Experiential learning: 1.Project Based Learning(PBL): The faculty members in the respective departments have extensive interaction with the students during their (i) Group project, (ii) Major project, (iii) Industry oriented project and (iii) Lab experiments (iv) Lab projects It may be noted that all these projects are part of the main curriculum of the B. Tech. program. 2.Internships: Students of the B. Tech. II and III year undergo rigorous internships in industries during their summer vacation. The work experience in the Industrial Internship period greatly enhances their skill and knowledge. Institute help them finding suitable internship positions and monitor their punctuality, learning, discipline and performance in their end certificate testing. 3. Industrial Visits / Field Trips Students are regularly taken to Industrial visits relevant to their courses to have realistic Industrial exposure and practical knowledge to reputed industries like BHEL,NFC,Power Plants, NRSA etc., Also, students understand the requirements and demands of Industries. In a given academic year two Industrial visits are planned in each semester by the departments.4. Computer-Assisted learning: The college has full fledged Digital library facility for the students to use Internet and consult online technical journals for searching technical information / literature required for their projects,seminars and other academic requiremets which forms part of their degree requirement. The video lessons available from SONET,NPTEL and video lectures prepared by faculty of the college are regularly viewed by the students in the library to enhance their learning. Participative learning: 1.Technical paper writing and seminars: This is a mandatory course in every semester. For the seminar, a student under supervision of a faculty member has to collect literature on a topic and critically review the literature and prepare a presentation on the same. 2. Technical Club activities: Students take annual membership in various college clubs based on their personal interest and passion. Highly active clubs such as Robotics, SAE-SNIST, Electronics Club, Bachpan Prayas, Infinity Club, IC2 are the in the campus where students spend valuable amount of time in learning and creating new projects. 3. Sreenidhi Hub: Students use this as a platform to implement their new ideas and consolidate as groups. Students team up in the Hub to work, discuss and brain storm on latest topics to build innovative projects. The college supports and encourages students to participate in several National and International innovative Competitions. Problem solving methodology: 1. Tutorials: where critical problems are made to be solved by students independently. GATE exam problems are solved by the students. 2. Hackathons: Institute offers opportunity to exhibit the skills acquired by the students by conducting Hackathons typically lasting upto 48 hours. In such events a large number of students are

made to engage in collaborative project to solve real world problems.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
04/01/2021	7060	355

File Description	Documents
Upload any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

The institution is committed towards the pursuit of excellence. The college is an autonomous institution which strives for Outcome based Educational Philosphy. All acdemic procedures are developed and oriented towards student-centric learning environment. The students have the benefit of experential, particpative and problem solving methodology as explained hereunder. Experiential learning: 1.Project Based Learning(PBL): The faculty members in the respective departments have extensive interaction with the students during their (i) Group project, (ii) Major project, (iii) Industry oriented project and (iii) Lab experiments It may be noted that all these projects are part of the main curriculum of the B. Tech. program. 2.Internships: Students of the B. Tech. II and III year undergo rigorous internships in industries during their summer vacation. The work experience in the Industrial Internship period greatly enhances their skill and knowledge. Institute help them finding suitable internship positions and monitor their punctuality, learning, discipline and performance in their end certificate testing. 3. Industrial Visits / Field Trips Students are regularly taken to Industrial visits relevant to their courses to have realistic

Industrial exposure and practical knowledge to reputed industries like BHEL,NFC,Power Plants, NRSA etc., Also, students understand the requirements and demands of Industries. In a given academic year two Industrial visits are planned in each semester by the departments.4. Computer-Assisted learning: The college has full fledged Digital library facility for the students to use Internet and consult online technical journals for searching technical information / literature required for their projects,seminars and other academic requiremets which forms part of their degree requirement. The video lessons available from SONET,NPTEL and video lectures prepared by faculty of the college are regularly viewed by the students in the library to enhance their learning. Participative learning: 1.Technicalseminars: This is a mandatory course in every semester. For the seminar, a student under supervision of a faculty member has to collect literature on a topic and critically review the literature and prepare a presentation on the same. 2. Technical Club activities: Students take annual membership in various college clubs based on their personal interest and passion. Highly active clubs such as Robotics, SAE-SNIST, Electronics Club, Bachpan Prayas, Infinity Club, IC2 are the in the campus where students spend valuable amount of time in learning and creating new projects. 3. Sreenidhi Hub: Students use this as a platform to implement their new ideas and consolidate as groups. Students team up in the Hub to work, discuss and brain storm on latest topics to build innovative projects. The college supports and encourages students to participate in several National and International innovative Competitions. Problem solving methodology:

1. Tutorials: where critical problems are made to be solved by students independently. GATE exam problems are solved by the students.

2. Hackathons: Institute offers opportunity to exhibit the skills acquired by the students by conducting Hackathons typically lasting upto 48 hours. In such events a large number of students are made to engage in collaborative project to solve real world problems.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

Sreenidhi Institute of Science and Technology encourages and strongly promotes extensive use of ICT enabled tools including online resources for effective teaching and learning process and making it engaging experience for students.

All the faculty of the institute is using ICT tools and resources available on its campuses. Computers are available to faculty for preparing presentation and notes for various courses taught by them. With the Covid-19 pandemic situation the assignments are posted online and the solutions are submitted online by the students. All the Classrooms equipped with LCD projectors, Computers and audio systems.

Dedicated e-library for all to access of online journals and resources. The college has 4 seminar halls equipped with high quality audio-video facility for conducting events and activities. The campus is Wi-Fi enabled and the internet speed is 500mbps.

:Online teaching platform: Faculty have been using TCS-Ion online learning management system for online classes during the pandemic period. Apart from this CISCO-Webex licenses are available for conducting any online activity

Video lecture recording studio: Studio is available for recording lectures of faculty in various courses taught by them. This give students of SNIST all the possible materials of engineering in the form of video lectures which will help them in smart learning.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.sreenidhi.edu.in/attachments/IQAC/SSR/Class%20Rooms.pdf
Upload any additional information	No File Uploaded

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

2.3.3.1 - Number of mentors

348

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

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

Preparation and Finalization of the Academic Calender The institutional academic calendar is prepared by the College Academic Committee (CAC), based on the criteria that the number of working days per semester should be at least 90 days. Taking into this consideration the number of weeks of the instruction is arrived at as 16 weeks. Besides this , 8 days are provided for conducting 2 mid sessional examinations . A duration of 10 days is provided for conduct of external examinations in practicals and also for preparation for end semsester examinations in theory subjects. Additional 2 ½ weeks is needed for conduct of these end semester theory examinations. In all 22 weeks are required for instruction, internal and external examinations besides providing about 1 week of preparation. Apportioning another 22 weeks for the II semester and 6 weeks per year of vacation as per UGC regulations, there are couple of weeks remaining , which will take care of holidays declared by the Governement of Telangana. This academic schedule prepared by College Academic Committee and is presented to Joint Board of Studies Meeting and the decision of Joint Board is informed to the Chairmen , Boards of Studies for various B. Tech. And M. Tech branches of Engineering and Technology besides MBA program. Preparation of Teaching Plans This is carried out by the teachers who are alloted various subjects at Under Graduate and Post Graduate levels in each of the departments with the mutual understanding of all teachers to handle the differentsubjects offered in the concerned semester. The college has a practice of preparation of course files for each semester of various branches at UG and PG level and distribute to the students at the begining of the each of the academic semesters. In the course file, the syllabus, the lecture schedule, a list of multiple choice questions/ Fill up the blanks / short answer questions, and long answer questions. This will give to the students as well as the new faculty members with regard to the level of teaching that has to be maintained while teaching each of the unit. Each subject is divided into six units which has to be completed with 16 weeks of instruction. On the average , each subject will get about 60 hours of instruction and thus each unit will get about 10 hours of instruction. With this

guidance , the teachers will prepare lesson plans so that, there will not be a situation where the teachers might take much more than 10 hours of instruction for a particular unit which will lead to lesser number of hours available for other units. There can be a little variation from the estimated 10 hours of instruction per unit but it should not be more than 2 or 3 hours. The acadamic calender is made avilable to students before commencement of classwork and is made avilable throughhttps://www.sreenidhi.edu.in/pagecontents.php?catid=12&scatid=266

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

2.4 - Teacher Profile and Quality

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

355

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

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

136

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

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

2782.33

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

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

Nil

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	**No File Uploaded**

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

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	**No File Uploaded**
Upload any additional information	**No File Uploaded**

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

Positive Impact of reforms on the examination procedures and processes:

S.No Name of the reform Positive impact due to the introduced reform 1 Appointing of internal squads, floor incharges by the Chief Superintendent (Principal) 1. periodic rounds by the team improvises amongst the students and invigilators 2. Drastic reduction in the number of malpractice cases. 2 On Screen Marking (Digital

Evaluation) of External Examination Papers

1. Transparency is maintained. 2. In this method papers will not be sent physically to the evaluator. Instead scanned copy of the paper will be displayed to the authorized evaluator. 3. Paper allotment to the evaluator will be done on random basis. 4. Same paper will not be allotted to the evaluator in any other evaluation (.i.e.Evaluation-2, Evalaution-3 or Revaluation).

5. Minimum time for evaluation of the script is 6 minutes and no limit for maximum. 6. For each day given evaluator can evaluate only 50 scripts (either in single subject or in all the subjects allotted). 7. At the maximum specific evaluator can evaluate 300 scripts only. 8. Evaluation can be done parallel for each script, so that result can be declared within a short span of time. 9. We can get question wise marks also for NBA purpose (CO and PO calculation). 10. In case of revaluation no need to search for the script manually. 11. Answer scripts can be stored digitally for longer period of time.

3 Surveilance Camers are installed in all the class room, labs, corridors and out side the building to cover the entire area of the college. 1. Restricted entry to unauthorized persons premises 2. Continuous monitoring of invigilation duties by the faculty 3. Curbing of malpractices by the student 4 Introudcing multiple sets (Two) of question papers for both internal and external examinations. 1. Leakage of question paper is prevented. 2. Random selection of question paper just before the examination by the Chief Superintendent improves the quality of the conduction of the examination by our Institution. 5 Preparation of scheme of evaluation and Key by the teachers 1. Evaluation procedure will be uniform

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.sreenidhi.edu.in/pagecontents.php?catid=12&scatid=285

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are

stated and displayed on the website and communicated to teachers and students

The programme outcomes (POs) for each under graduate and post graduate programme and for each courseare well defined based on the NBA guidelines. For simplicity, there are six outcomes that are defined foreach of the six objectives which are based on each of the six chapters. The awareness regarding these outcomes be it programme outcomes (POs) or programme specificoutcomes (PSOs), are discussed with all the concerned stake holders at length at various levels ofinteraction through awareness programmes for the students, awareness programmes for the faculty and alsoduring parent- teacher interactions which occur on a regular basis. The POs are published and disseminated in the following ways:

- Displayed in the offices of the departments.
- Published in college website and student handbooks.
- Explained to students and their parents as part of the induction program.
- Explained to newly joined faculty and staff members during a staff orientation program.

Program Outcomes The curriculum comprises courses related to basic sciences, humanities and social discipline, Engineering & Technology, professional / open electives, projects and seminars. Each course contributes to learning outcomes reflecting the skills and competence that are required at the time of graduation. The Program outcomes (POs) reflect the ability of graduates to demonstrate knowledge in fundamentals of Basic Sciences, Humanities and Social Discipline, Engineering & Technology and practically apply the knowledge for the benefit of the society. The graduates must adhere to professional and ethical responsibilities in pursuit of their careers. These outcomes also enable the graduate to pursue higher studies and engage in R&D for a successful professional career. The POs crystallize in the attainment of Program Educational Objectives (PEOs) which will help the graduate to perform his or her duties, professional responsibilities, design, development, production and testing of novel products, dealing with finances and project management. These capabilities are reflected in PEOs.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	**No File Uploaded**
Link for additional Information	Nil

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

For undergraduate programs, NBA has given guidelines with regard to program outcomes (PO) in the form of Graduate attributes. There are 12 graduate attributes defined by NBA and the departments concerned of various colleges are to define their own program outcomes. However the program outcomes must match all the program educational objectives of the program. We at Sreenidhi Institute of Science and Technology, adhere to and follow these NBA guidelines while defining the outcomes of the various courses offered. Each of the subjects offered for a program is matched with at least one program outcome of the branch concerned. Thus, all the program outcomes are covered by all the subjects offered for a particular program. Depending upon the units in each one of the subject a course outcome can be defined. It means that there must be some competency developed in the student when a particular unit of a subject is completed. For simplicity the college has adopted a method of defining a course outcome for each of the unit in a subject. It is necessary that the course outcomes must match with the program outcomes desired after completing a subject. Thus the process of matching course outcomes with program outcomes and program outcomes with program educational objectives, Program educational objectives with mission statements of the branch concerned and the mission statement of the branch concerned must be in line with mission of the Institution has been carried out. Only when this process is completed successfully the curriculum development part of the work is processed further. A series of all faculty meetings are conducted in correlation with the set of courses which require modifications and deletion/addition and are prepared in accordance with the curricula of some of the leading academic institutes in India and abroad.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

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

1548

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://www.sreenidhi.edu.in/pagecontents.php?catid=11&scatid=537

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

SNIST Research efforts are towards productive collaboration with other leading Research Institutes at national and international level, to develop solutions fortechnology advancement and solve societal problems. The institute aims to achieve high standard in research and innovation by synergetic participation by students and faculty. Each department with the institute is required to have research and projects lab for faculty and students. Research group are formed within the department so that faculty collaborate, at the same time multidisciplinary approach is encouraged.

Under the R&D policy research facilities are upgraded through internal R&D proposals submitted by the faculty for research initiation and advancement which funds purchase of required equipment/material procurement or upgrade of software. The institute also supports faculty achievement by awarding incentives for securing sponsored projects, industry consultancy and quality

journal publication.The policy has provision for reimbursement for participation in conference, related travel and fully funds patent filing process. Further details of about the R&D policy is available at -
https://www.sreenidhi.edu.in/pagecontents.php?catid=7&scatid=322.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.sreenidhi.edu.in/pagecontents.php?catid=7&scatid=322
Any additional information	No File Uploaded

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

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

471478

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

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

5

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

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

13.99

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	**Nil**
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

2

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

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

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	**Nil**
Any additional information	View File

3.3 - Innovation Ecosystem

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

SNIST believes inculcating innovation among students there by contributing to nation's development that solves societal problems. Strong Academics, Industry relevant training, Emerging technology knowledgethrough R&D and Professional mindset with human approach are the essential attributes that determine thesuccess of our institute. In the year 2006, Prof. Naga Sreenivasa, Professor of Training and Placement has conceived an idea that the spirit of innovation has to be incubated in the minds of the students and the college has conducted the very first innovative idea and solutions competition. From then onwards, the college has been encouraging the students to come out with innovative solutions for the problems that are faced by the students and the society at large. SNIST is recognized by DSIR, Govt. of India asScientificandIndustrialResearch Organization(SIRO)-2009totilldate.SNISTmanagementishighly encouraging and promoting in-house Academic Research activities. SNIST management also works with reputed industries to forge alliance to offer consultancy and advance training programs in the emerging fields which necessitates the faculty to take up Advance Research problems. The Sreenidhi's SNIST-Hub has been recognized as the Host Institute facility under Development Commissioner – New

Delhi Scheme to Support Entrepreneurship and Managerial Development of SMEs through Incubators. Under this scheme each approved student innovative idea isto receive 15L of funding from the Directorate Commissioner – MSME for the startup. Sreenidhi-Hub Vision – "To emerge as a renowned ecosystem that develops indigenous technologies by spurring idea to prototype to product with focus to nurture and launch techstartups to achieve global success". SNIST has an active Institute Innovation Council under the Ministry of MHRD'sInnovation Cell where in students and faculty participate and organize events such as Leadership Talks Series,Ideation Sessions, PrototypeCompetition and Smart India Hackathon. The institute is also a recognized Innovation lab under the mentorship ofthe Incubation Center of JNTU Hyderabad wherein students participate in the Technology Bootcamps, Ignite Problem Identification sessions, Regional & Central Hackathons and Acceleration Programs The dedicated to SNIST-Hub is around 5000 Sq.ft which comprises of 10 cubicles as office space for business incubates, Tinkering/Sandbox lab Space, Technology Room, Director and Manager meeting room and training rooms for students.SNIST-Hu provides access to centralized facility, support with seed capital, facilitate networking and other services for the startups to be successful and independent. The Hubadvisory committee is formed comprising of eminent engineers from industry, scientists from research lab, senior manager of bank, Dean and Director from the host institute. The advisory committee is approved by Board of Governors of the institute. SNIST entered into MoU with Wadhwani Foundation, USA for Entrepreneurship Development. Under this agreement certification training program on entrepreneurshipisofferedtofacultyandstudents. The institute has also signed MoU with the TiE (The Indus Entrepreneurs – Hyderabad Chapter) and Telangana-Hub (popularly known as "T-Hub") to provide student mentorship, networking with top entrepreneurs&interaction angel investors and training workshops. In addition, to the above-mentioned activities institute conducts Student Innovative Idea competition every semester that is evaluated by an appointed external committee comprising of industry experts and research lab scientists.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=7&scatid=293

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

Property Rights (IPR), Entrepreneurship and Skill Development during the year

Nil

File Description	Documents
Report of the events	**No File Uploaded**
List of workshops/seminars conducted during the year	View File
Any additional information	**No File Uploaded**

3.4 - Research Publications and Awards

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

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	**No File Uploaded**

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

3.4.2.1 - Number of PhD students registered during the year

2

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

2

File Description	Documents
List of research papers by title, author, department, and year of publication	[View File](#)
Any additional information	**No File Uploaded**

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

0.178

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

3.4.5.1 - Total number of Citations in Scopus during the year

89

File Description	Documents
Any additional information	**No File Uploaded**
Bibliometrics of the publications during the year	[View File](#)

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

3.4.6.1 - h-index of Scopus during the year

524

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	**No File Uploaded**

3.5 - Consultancy

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

12.30

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	**No File Uploaded**

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

12.30

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	**No File Uploaded**
List of facilities and staff available for undertaking consultancy	**No File Uploaded**
Any additional information	**No File Uploaded**

3.6 - Extension Activities

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

The college promotes a well-knit institution – neighbourhood network in which students acquire service training. The institution has a reputation of sensitizing staff and students to participate actively in the service centric programmes. Yamnampet, a small village situated at a short distance from the college had been adopted by the college to undertake service activities in the village. A comprehensive socio-economic survey is conducted by the students in the village to identify the problems and needs of the local people. On the basis of the survey, the programmes are prepared in such a way which would cater for better agricultural, educational, socio-medical and health- care and awareness among the villagers. NSS Special Camps are organized every year in the adopted village where activities like bushcutting, laying of approach roads, desalting of water bodies, weeding out unwanted plants in water tanks, digging of drainage canals, bridging erosion/breaches in irrigation canals and plantation are carried out by NSS volunteers. The patients from the neighbouring villages are being provided free medical treatment by the College Health Centre. The patients are identified by the students and they help them in reaching the Health Centre. Free medicines are also distributed to the patients. Students are always ready to donate blood in case of emergency. NSS volunteers had visited a number of hospitals to voluntarily donate blood. Students conduct cleanliness, health and hygiene awareness programmes in and around nearby villages, hospitals, bus stand and railway station. NSS volunteers of the college always take an active participation in the time of natural calamities like cyclone, flood, and other socio backward necessities. The students identify the school drop outs and help them in getting enrolled into the government schools after counselling their parents. The extension activities have made significant impact on the community.The NSS and YRC Unit of the institution created awareness about HIV/AIDS, sexually transmitted diseases, importance of breast feeding, Blood Donation, addressing issues related to Polio, malnutrition of children and pregnant mothers, family planning, empowerment of women, elimination of child labour, and environmental protection in the community. Such activities have helped in improvement of health and lifestyle of the community and created scientific temper among the rural population. The college has an NSS Unit with a trained faculty member as the Programme Officer. 100 students are enrolled with the Unit. The NSS unit of the college actively participated in the following community services: (1) Cleaning the environment (2) Plantation of trees and plants, (3) Construction of roads (4) Legal Aid Programmes, (5) Literacy mission (6) Community health programmes, (7) Blood donation

camps, (8) Prevention of drug addiction and rehabilitation of victims, (9) Welfare of women and childcare and (10) HIV/AIDS Awareness programmes (11) Free Eye Camps (12) Free General Medical Camps

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

4

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

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

7

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

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

794

File Description	Documents
Reports of the events	No File Uploaded
Any additional information	View File

3.7 - Collaboration

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

32

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

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

19

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Sreenidhi Institute of Science and Technology was established an area of ten (10) acres with a total built up area of four lakh fifty seven thousand nine hundred and eighty square feet (4,57,980) which is sufficient for satisfying the norms of AICTE with regard to class rooms, tutorials, laboratories etc. There are in total Ninety two (92) number of classrooms which are well equipped with LCD and wifi/LAN facilities. With these visual aids smooth and effective functioning of teaching and learning process is carried out. There are one hundred and ten (110) well equipped laboratories for both under graduate and post graduate programs which satisfy the AICTE norms.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=5&scatid=553

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

SNIST provides Indoor and outdoor sports and game facilities to both girls and boys .The students participate in inter institute, inter university, state level, national level and international level competition Sports.A number of players haveplayed and won prizes in district, university, state and even national level games.

SNIST organises various cultural activities like Annual Day, Cultural Nite, Women's day, Freshers day, Dance competition and other such activities to explore the talented creativity of students.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=5&scatid=53

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

96

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

331.51

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

ILMS Software - Libsoft 12.0 is a multi user package designed and developed by a team of library professionals and software professionals for effective management of a library from all aspects. This package has been designed to handle huge volumes at lightening speed thus saving manpower. Libsoft is a Windows /Web based software and it runs in any Windows environment and hence it has excellent Graphical User Interface. Nature of Automation - Fully Automated Version – Libsoft 12.0 Year of Automation - 2002 year The following are the salient features of the software

- Absolutely user friendly software that requires minimum training.
- Simplified package, which requires minimum user interaction.
- Multi user package with database loaded in the server. The individual nodes across different
- departments can share the data from the server.
- Create/Modify/Delete different users (Password Protected), with restrictions set by the
- administrator at the time of creation.
- Generates Purchase Orders that can be sent by E-mail directly. The system keeps track of the items
- arrived as against the items ordered.
- Automatic tracking of items for ordered, received, reminders etc.
- Multiple Material (Books, Reports etc.) and Media (CD, Audio/Video cassette, Microfilm, Maps
- etc) cataloging, all in one place. Find & Replace facility for spelling correction.
- Easy way to installation of Libsoft 9.8.0 with inbuilt security files.
- Announcements (News/Messages) will be displayed to all members in individual member web

- OPAC account.
- Members can check their transaction details(title of their transaction, due date, fine amount and
- reserved material details) through web OPAC.
- Simplified serials module with auto reminder.
- Semi-Automatic DDC (Dewey Decimal Classification) based Classification Number generation.
- Circulation with bar code interface wherein the user needs very few interaction with the system.
- Circulation settings for different materials with different cards and due days.
- Excellent multiple reservation facility to reserve the book which has been issued.
- Enhanced but Simplified search facility (Boolean search with like, =, <, >, <=, >= and <>
- conditions) to locate books, members, purchase orders and Vendors quickly, Transactions can also besearched.
- Title of the Report, date and Time of report generation will be shown as Report heading.
- Graphical representation of Expenditure, Books in Demand, New Arrivals, Material distribution,
- Member transaction details, stock status etc. the way the user prefers.
- Membership card for Members/Users with Bar code.
- Automatic Bar code generation for Accession numbers for materials (Books, Journals etc.)
- Facility to track the Saved, Modified, Deleted and Circulated materials through Log entries for eachaction (Book Entry/ Circulation / Purchase Orders etc).
- Free tools for direct database interaction, and easy entry for fast data correction of material.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=5&scatid=158

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

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	**No File Uploaded**

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

13.93

File Description	Documents
Audited statements of accounts	View File
Any additional information	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

146

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

4.3 - IT Infrastructure

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

SNIST IT Policy

Information and Communication Technology (ICT) maintains the policies governing the use of SNIST computing and IT communication resources. The IT Policy process also includes an annual review of existing policies and a selection of those policies to be audited for verification of compliance within the SNIST.

Every member of the SNIST community is bound by these policies and is expected to be thoroughly familiar with them. Violators will be subject to the full range of disciplinary sanctions, up to and including expulsion or termination.

Need for IT Policy

Purpose of IT policy is to set direction and provide information about acceptable actions and prohibited actions or policy violations. Guidelines are created and provided to help organization, departments and individuals who are part of the SNIST community to understand how institution policy applies to some of the significant areas and to bring conformance with stated policies.

IT policies may be classified into following groups:

?Acceptable Use Policy

1. Employee Acceptable Use Policy
2. Student Acceptable Use Policy
3. Vendor Acceptable Use Policy
4. Network Security Policy
    1. Addressing and Domain Services
    2. Network Connections
    3. Wireless
    4. External Traffic, Services and Requests
    5. Network Security
    6. Enforcement
    7. Monitoring and Auditing
5. Email use Policy

- Hardware and Software Procurement Policy
- IT Hardware Installation Policy
- Software Installation and Licensing Policy
- Network (Intranet & Internet) Use Policy
- E-mail Account Use Policy
- Web Site Hosting PolicyFurther, the policies will be applicable at two levels:
- End Users Groups (Faculty, students, Senior administrators, Officers and other staff)
- Network Administrators

All the faculty, students, staff, departments, authorised visitors/visiting faculty and others who may be granted permission to use the SNIST IT Infrastructure, must comply with the Guidelines.

Certain violations of IT policy laid down by SNIST by any institution member may even result in disciplinary action against the offender by the institution authorities. If the matter involves illegal action, law enforcement agencies may become involved.

Applies to

- Stake holders on campus or off campus
- Students: UG, PG, Research
- Employees (Permanent/Temporary/Contractual)
- Faculty
- Administrative Staff (Non-Technical /Technical)
- Higher Authorities and Officers
- Guests

Resources

- Network Devices wired/wireless
- Internet Access
- Official Websites, Web applications
- Official Email services
- Data Storage
- Mobile / Desktop / Server computing facility
- Documentation facility(Printers/Scanners)
- Multimedia Contents

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
7060	2350

File Description	Documents
Upload any additional information	No File Uploaded

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

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	**No File Uploaded**

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

A. All four of the above

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=5&scatid=468
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

217.95

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	**No File Uploaded**

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

Sreenidhi Institute of Science and Technology was established an area of ten (10) acres with a total built uparea of four lakh fifty seven thousand nine hundred and eighty square feet (4,57,980) which is sufficient forsatisfying the norms of AICTE with regard to class rooms, tutorials, laboratories etc. There are in total Ninety two (92) number of classrooms which are well equipped with LCD and

wifi/LAN facilities. Withthese visual aids smooth and effective functioning of teaching and learning process is carried out. Thereare one hundred and ten (110) well equipped laboratories for both under graduate and post graduateprograms which satisfy the AICTE norms.

PROCEDURES AND POLICIES FOR MAINTAINING AND UTILIZING PHYSICAL, ACADEMIC AND SUPPORT FACILITIES - LABORATORY, LIBRARY, SPORTS COMPLEX, COMPUTERS, CLASSROOMS etc.

The physical infrastructure is one of the vital components that made teaching learning an enriching experience. Maintenance of all Physical, Academic and Sports facilities of the college is very important for ensuring effective teaching learning system. The following procedures established for maintaining and utilizing these services.

1.Laboratories and Computers:

There are in-charges, responsible for maintaining and utilizing the laboratories. There are situations where the syllabi are revised which results in adding some new experiments in various lab subjects and the Lab in-charges shall prepare the list of equipment or software to be procured at least one semester ahead. Some of the laboratories have excess number of lab setups when compared to the requirement and if there is any set up failure the students will not suffer.

Each Laboratory has one Lab Assistant and the No. of sessions that they have to handle per week are limited to 8 – 9 sessions out of 12 sessions available per week. This is helping the Lab Assistants to keep all the lab facilities to be in proper condition. The equipment suppliers give warranty for 1 – 3 years and after expiry of warranty period if any trouble arises either the suppliers or other service providers are requested to attend to the same. It is a practice in the college to thoroughly check with regard to the performance of each of the experimental setups twice in a year during the semester breaks. The college is providing the facility of purchase of enough spares so that the Lab in-charges can change any component which fails by drawing from the stock. Stock registers are maintained for each of the Laboratories so that enough spares are available and stock is verified in regular intervals.

2. Library:

It is fully automated (computerized) for issue/circulation and

access of library resources. The library has an archives section. The Library has a committee headed by a Dean and one representative from each department. They meet whenever required and discuss about the new books required for the Library and also to purchase new editions of important books. They also suggest subscription to new journals whenever required. The college has introduced a Book Lending Scheme which is helping the students who have all the text books required in a semester at a very reasonable Book lending fee. Enough provision is made by the college for purchase of new books and also for subscribing to new journals. SC / ST students are given the facility to borrow more No. of books when compared to others.

college has large number of general books which are helpful to students for appearing GATE, GRE, TOEFL exams. The required books and journals are provided for a section of Library established for Civil Services Aspirants Club, the first of its kind in the State of Telangana.

3. Class Rooms:

As stated already every class room is an e-class room and maintenance of equipment such as a desk top, LCD, Audio System etc. in a good condition for which a Computer maintenance section is established in the college. A Security System is also arranged in each class room which is kept in the memory for the next 30 days, so that a review of class room discipline, effectiveness in teaching, etc. are recorded in a couple of cameras. After providing this Security System the exam system also has been strengthened.

4. Maintenance of Sports and Games Facilities:

As stated above the college is providing necessary budget for maintenance of indoor and outdoor games facilities and our college uses for conducting inter college sports and games competitions. The participation fee for the students and also their TA, DA is provided by the college when they are participating in various inter college competitions. Many awards are won by our students in various competitions held at University level, State level and also in All India level.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=5&scatid=553

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1138

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	**No File Uploaded**
Upload any additional information	View File

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

7

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

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology   **C. Any 2 of the above**

File Description	Documents
Link to Institutional website	https://www.sreenidhi.edu.in/pagecontents.php?catid=6&scatid=119
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

1763

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression

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

906

File Description	Documents
Self-attested list of students placed	[View File](#)
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

136

File Description	Documents
Upload supporting data for students/alumni	[View File](#)
Details of students who went for higher education	[View File](#)
Any additional information	**No File Uploaded**

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

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

181

File Description	Documents
Upload supporting data for students/alumni	[View File](#)
Any additional information	[View File](#)

5.3 - Student Participation and Activities

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

13

File Description	Documents
e-copies of award letters and certificates	[View File]()
Any additional information	[View File]()

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

The various student council & representative committees are: Class Review Committee Every Class of the Degree Program shall have a Class Review Committee, consisting of Faculty and Students. Student members of class review committee assist the DAC (Departmental Academic Committee) in the process of academic plan implementation of every subject in a semester. IQAC Student members of IQAC help to propagate quality policies adopted by the institution among the student fraternity and also help in projecting the student view point while taking any quality policy decision. Students' professional societies Most of these societies are maintained completely by students under the guidance of faculty members according to a plan of activity

Library Committee Student members of the library committee will assist in the procurement of text books, journals and other learning materials. Alumni Association Every department attends to the coordination and liaison activity with alumni through the appointed students. Anti-Ragging committee Student members assist the institution in implementing rigid anti-ragging measures so that the institute becomes ragging-free campus. Grievance Redressed Cell The matters of harassment and suppression of any single individual are handled by grievance redressal cell. Student members can help other students to present the grievance in case the sufferers want the representation in absentia. NSS To inculcate awareness of social problems by the students, NSS activities are coordinated with large participation by students every year.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	[Nil]()

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

0

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

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

The main objective is to enroll all alumni as members of the association and facilitating active participation of the alumni in appropriate activities, events, and initiatives of the Institute. The SNIST Alumni Association is an official unit of the Institute with the primary objective of facilitating the pleasant and friendly interface to all the SNIST alumni and creating a single semantic web of SNIST fraternity. The SNIST is truly proud of its brilliant alumni who are currently placed all over the world and distinguished themselves in in Engineering and Technology sectors and the public sectors. The main aim of the SNIST Alumni Association is to coordinate the networking of all the alumni and to create a single global SNIST community for the benefit of institute as well as student community. Mentorship: Alumni can play an active role in voluntary programs like mentoring students through their rich experiences in their areas of expertise for the benefit of the students and college. Help the student to understand the current scenarios in the industry, so that they can prepare themselves for securing suitable jobs. Some of the Alumni are also helping by providing internships in their organizations. Placements: The alumni network of a college is one of the biggest sources of placement opportunities. So, the alumni can help students get placed at their respective organizations. Networking Platform: Alumni network by itself is one of the best professional networking platforms available today. College Alumni Day: Alumni meet takes place in the campus on every year Second Saturday in the month of February/March to provide a forum for the Alumni to interact with the Institute to bring together all the old students and the faculty of SNIST to share their experiences with each other. Online Alumni Survey: This is collected to get information about their study and stay in the

Institution. Feedback is collected from the alumni to update the curriculum which are suitable for present needs of industry and technology for the development of the college. Some of the reputed Alumni are also members of BOS. Database: This is to maintain and update the database of all the alumni and to interact with

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.sreenidhialumni.in/

5.4.2 - Alumni's financial contribution during the year   E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The institution ensures participation of teachers in governance as per the guidelines issued by UGC for autonomous colleges. Teachers are also absorbed into various committees as per UGC Guidelines viz. Governing Body, Finance Committee, Academic Council, Boards of Studies, that are constituted with luminaries in education, Industry and R & D organisations.

Teachers conduct various activities in accordance with the aim of the institute to offer wholesome education to students so that they become academically strong, physically robust, emotionally stable, socially responsible and spiritually enlightened 5. The institute has been successful in achieving the 12 graduate attributes for UG courses and those notified for post graduate attributes which the NBA has prescribed as essential. While developing the ability to solve complex engineering problems, the institute also helps the students to arrive at optimum solutions taking into consideration the possible damage to environment, public health and safety. Industry demands graduates with exceptional interpersonal skills, team skills, effective oral and written communication skills etc. The teachers of the institute guide and facilitate the formation of

various student clubs and technical associations so that the industry warranted qualities are imbibed in the students. College is offering a stream of open electives on Entrepreneurship which imbibes project management and financial management skills. Lifelong learning habit must be imbided in students, so that they can keep themselves abreast with the new concepts that emerge in science and technology in their profession life. For this purpose, the college has introduced subjects in which there is need for self-study so that it helps them to become lifelong learners. Code of Conduct for Students and Professional Ethics for various stakeholders such as Governing Body of College, Principal, Teachers, and Support Staff etc have been implemented in accordance with UGC guidelines / regulations and the same is also made available on the website.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.sreenidhi.edu.in/pagecontents.php?catid=2&scatid=503

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

Ever since the college became autonomous in the year 2010, it has followed UGC Guidelines for constitution of various committees such as Governing body, Finance Committee, Academic Council, Boards of Studies etc., for effective functioning. Participative Management is ensured by decentralization with the participation of teachers and administrative staff in discharge of responsibilities of the various decision making committees. Bottom-up approach is practiced to make the decision making process more harmonized and inclusive. A case of budgeting year after year is presented as to how participative management is ensured For every financial year the budgetary requirements are prepared by various departments and sections of the college, at least 3 months in advance of new financial year. The process of developing budget requirements of various departments, sections, administration, library, games and sports, infrastructure, consumable and non-consumable items is completed at the college level and submitted to the Finance Committee for their consideration and other recommendations are sent to the Governing body of the college for their kind consideration and approval. The procedure for development of budget requirements for the college is explained here

under. 1. Teaching departments The departments follow the AICTE norms while estimating and proposing the requirements of additional faculty, staff, building space for class rooms and labs. They also work on budgets for purchase of equipment, software, recurring and non- recurring items including the annual maintenance costs for each of the laboratories and other requirements are considered by college academic committee by the HOD of concerned department about their budgetary requirements. The decisions of the CAC are sent by the Principal for approval of finance committee and Governing body . 2. Library section Each department has one of its faculty members in the library committee. This member submits the requirement of books and journals to the library committee , for its consideration. The final list is forwarded to the Principal for approval of college academic committee and recommendations of each are sent by principal to higher committees. 3. Games and sports The budget proposal including the costs of new equipment to be purchased and its maintenance expenses is prepared by the sports section headed by a professor of the college. Their proposal too goes to the Principal for further approvals. 4. Administration Section The expenses that would be incurred on faculty and staff salaries, activities like organizing seminars, conferences , are projected by the administration department seeking the approval of higher committees through the Principal. All the departments send their proposals to the College Academic Committee (CAC), headed by the Principal. The recommendations of the CAC are further forwarded to the Finance Committee. After its approval, the proposals reach the Governing body for the final approval. Governing Body sends the ultimate approval to the Principal's office. Then the budget sanctioned is released by the Main Office to all departments. Thus, bottom - up approach is used for estimation of budget needed with participation of teachers, non

teaching staff, College academic committee, finance committee and Board of Governors.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	No File Uploaded
Paste link for additional Information	[Nil](#)

6.2 - Strategy Development and Deployment

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

Strategic Plan of the college

1. Introduction:

Due to the progressive Management and dedicated faculty, the college has been progressing very well right from its inception in 1997. Faculty is the heart of the institution and empowerment of faculty is one of the important initiatives taken up by the college. Curriculum Development based on skills in demand analysis and from inputs received from industry personnel is being carried out on a continuous basis due to which our students are being taught and shaped well to take up the challenges in their professional careers.

1. Strategic Plan for implementing various activities:

There is a saying that Failing to Plan is Planning to Fail. In this context, strategic plan extending over 10 years period from 2014-15 to 2024-25 is concretized and which has been giving necessary direction to the college for a planned progress.

The strategic plan is now presented under the following heads:

1. Organization of Faculty Develop Programs by the college for the benefit of our faculty and faculty of other institutions.
2. Deputation of faculty for attending FDPs in other institutions and to those conducted by our own institution.
3. Organization of National Conferences by the college.
4. Deputation of faculty for attending National and International conferences.
5. Deputation for presenting papers at National and International conferences.
6. Research publications by the faculty in rated journals which are indexed by rating agencies such as Scopus, ScI, Web of Science, Thomas Reuters, etc.
7. Publication of books by our faculty or contributions of Chapters.
8. Filing, publication and granting of patents submitted by the college.
9. Funded R&D projects received by the college.
10. R & D Awards proposed to be given to faculty
11. Organization of Bridge Courses for the benefit of students based on skills in demand in the industry on a regular basis.

12. Consultancy Projects taken up by our faculty.
13. Research publications by students in Scopus indexed journals.
14. No of NSS Volunteers expected to participate in various outreach programs
15. No of NSS outreach programs expected to be organized by NSS
16. Percentage of Ph..D faculty expected to be on the rolls of the institution
17. Percentage of students expected to be placed in the institution

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

Organisation Structure of the Institution and constitution of various Bodies ur Institute has adopted a line and staff organisation structure with an objective of achieving the visionand mission of the institution. Some staff in vital positions who are experts and experienced persons,support the Principal in balanced decision making. Please see the organisation chart in which the lines of authority are clearly defined for achieving theobjectives of the institution. Besides this, the Governing Body, Finance committee, Academic Council andBoards of Studies are constituted as per UGC regulations to help boost the growth of the institution. The Secretary chairs the Governing body and Finance committee; where as Principal chairs the AcademicCouncil and heads of the departments chair the boards of studies. In all these bodies participation ofteachers of the college is ensured. Governing body is the highest decision-making authority and thecollege must comply with the various responsibilities as approved by them. The Principal is the executive authority of the institution to whom the heads of the various departments, Registrar, Administrative Officer, Training and Placement Officer are directly answerable. College Academic Committee is formed consisting of heads of the departments / sections and a couple of senior teachers from each department, Deans and Directors. This is the highest decision-making body at the college level with Principal as the Chairman. The decisions about College development, Examinations and Evaluation, Library and

various infrastructure requirements, budgets, students' welfare, security and discipline and efforts for improving placement initiatives etc. are taken by this committee.

Departmental Committee: The Heads of the departments in turn carry out all the activities related to the departments by constituting a departmental committee, under which there are sub- committees to look into functioning of class work, lab and infrastructure requirements, maintenance, time tables, research and development etc. Other Committees:

In addition to the aforesaid committees, there are some others viz. Discipline committee, Students welfare committee, Library Committee , Games and Sports committee, Grievance Redressal Committee, that are formed for the smooth functioning of the institute. Bottom up approach The chain of decision making follows a bottom up approach which leads in the below mentioned manner. Sub Committees – Departmental Committees – College Academic Committee – Finance Committee – Governing Body. (as mentioned in 6.1.2) The various bodies are thus constituted for effective functioning of the institution. Service Rules: The service rules of the institute, which also contains various procedures can be viewed through our college website. Recruitment: Regarding recruitment, the AICTE guidelines are followed and advertisements are released in popular newspapers inviting applications from qualified candidates. A duly constituted selection committee conducts interviews and comes up with a merit list of candidates for the issue of Appointment orders by the Management.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.sreenidhi.edu.in/pagecontents.php?catid=2&scatid=489
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	<u>View File</u>
Screen shots of user interfaces	<u>View File</u>
Details of implementation of e-governance in areas of operation	<u>View File</u>
Any additional information	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

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

The institution has effective welfare measures for teaching and non-teaching staff as detailed hereunder: A. Welfare measures for teaching staff 1.Employees Provident Fund as per PF rules 2. Mediclain Health insurance 3. Employees state insurance 4. Maternity leave B) Welfare Measures for Non-Teaching members 1) Employees Provident Fund as per PF rules 2. Matrnity leave for women 3. Medi claim-Health Insurance, Employees Staff Insurance- ESI provides socio-economic protection to staff 4. Free health check-up campus 5. Central Dispensary with medical facilities 6. Free uniforms for class IV employees. Detailed information about welfare measures is provided in additional information

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	<u>https://www.sreenidhi.edu.in/pagecontents.php?catid=2&scatid=514</u>

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

53

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

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

23

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

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

73

File Description	Documents
Summary of the IQAC report	**No File Uploaded**
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Authentic procedure is followed for arriving at the budgetary requirements by the department concerned and their scrutiny is done at the college level, finance committee level and also by Governing body which normally avoids any audit objections that may arise. Internal Auditing However, internal auditing is carried out by Mr. Sudhakar and his associates who will help not only in auditing the

accounts but also in preparing documents which later on submitted to various authorities such as Income tax authorities, PF authorities and any other organisations where we need to submit our Audit Report. External Auditing Our college requests a recognized firm consisting of qualified Chartered Accountants for doing the external auditing. At present, Shri. Ramanathan and Shri. Rao, Chartered Accountants, are extending their duties as our external auditors. Audit Objections Meticulous procedures are followed by the departments for the purchase of equipments, software etc., by calling for quotations and after preparing a comparative statement. The quotation submitted by the vendors who have satisfied technical specifications only will be considered and the lowest bidder (L1) will be chosen for supply of the equipment or software or any other recurring or non recurring items. Inspite of that, there may be some errors and omit ions which can be detected at various levels and also by our internal auditor. There are no occasions so far, the audit objections aroused.

Care taken by the individual departments / sections for preparing the budget requirements The budgetary requirements for the succeeding financial year are prepared by the respective departments/sections detailing the requirements of each unit. They are finalized after estimating their costs. This may be even for development of new laboratories which are needed from time to time as per revised syllabus. This involves the establishment of new laboratories which need a lot of money for purchasing necessary equipment, software and other consumable items such as meters etc. In the existing laboratories there will always be some replacements and requirement of consumable items to be purchased and we have to take into consideration additional costs for adding an experiment due to syllabus revision. Thus, every department projects the requirements and shall submit to the college for finalization of budgetary requirements not only for running laboratories but also for spending on salaries, welfare measures etc. The document submitted to the finance committee will be finalized and will be presented to the finance committee for the approval of the budget for the next academic year for their consideration and approval. After consideration and finalization of budget by the finance committee, it shall be submitted to the Governing body for their perusal and approval. As already explained earlier, the ICT - SAP section shall take care of all the requirements for purchase of various equipments, software and hardware and other expenses and the payments also will be made by them with endorsement of finance section.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

3.01

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Mobilization of Funds The major source of revenue for the college is the Annual fee collected from students. The fee is collected as per the fee & guidelines fixed by the State Fee Regulatory Authority. Mobilization of funds is also done through sponsored projects from DST, DRDO, AICTE, UGC, Industry sponsored projects by the faculty. Faculty can purchase the equipment and also meet the expenditure for travel etc., from the above grants. Funds are also mobilized through consultancy. Strategies for optimal utilization of financial resources: During the budget preparation in the institution all the academic and other section heads are requested to provide the annual budget requirements keeping in view of developing and updating of laboratories, computing facilities, library, teaching-learning process, training, extension activities, software etc. Monthly budget plan is also invited from all the sections for optimal planning of financial resources. Individual budget estimations are collected and Budget is prepared. The same is placed before the Finance committee and the committee in turn will deliberate and make necessary changes for a proper balance of receipts and expenditure. The same will be submitted to Governing Council for approval. The Governing council further approves the budget. Budget approvals will be communicated to the departments and sections. The Institution keeps track of the budget. In any unforeseen circumstances, non-budgeted amount is considered and allotted depending on the merit of

the case. The budget utilization for the last five years is given as attachment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	[Nil](#)

6.5 - Internal Quality Assurance System

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

About IQAC SNIST has established IQAC in the year 2013 to ensure quality in academic and administrative activities, such as effectiveness in teaching, learning, evaluation and also encouraging the talent and merit in the faculty, teachnical staff and students. IQAC Initiatives Practice – 1 Students Feedback on Effectiveness in teaching by Faculty and Empowerment of teachers forQuality Assurance The competency of various teachers while teaching that particular subject is not the same depending upon their background and experience. Similarly, certain skills that are required for effective teaching may not be the same when they are being recruited by the institution. Students feedback is one of the important initiative taken by the IQAC with regard to effectiveness of the teacher in presenting the lecture in a methodical manner so that the students can understand and assimilate the content taught. The various aspects on which the students give their feedback are : 1.Knowledge base of the teacher as perceived by the student 2.Communications skills, clarity in teaching and emphasis on concepts 3.Sincerity/Commitment to teaching / Regularity in taking classes 4.Uniformity in the coverage of syllabus 5.Effectiveness in controlling the class / Maintenance of discipline The students rate in all the five parameters Excellent (4), Good (3),Satisfactory (2) and Not Satisfactory (1) Feedbacks are taken three times in a semester i.e at the end of four weeks, at the end of eight weeks and in the fifteenth week. Analysis of feedback and initiatives for improvement of Faculty Suitable counselling is carried out and in extreme cases, the faculty is given opportunities to improve their teaching by deputing them to undergo Faculty development programs in effective teaching and refresher courses. Best Practice - 2 Skills in Demand Analysis – Curriculum Development IQAC taken this

initiative in order to include in the curriculum certain skill requirements in engineering graduates in the changing scenario of the industry and shared with the departments to carry out skills in demand analysis at least once in a semester. Teams of faculty are formed to study the skills for which advertisements are released in national level news papers and also in job portals. The priority of skills required in the industry is arrived at based on number of times advertisements are released for a particular skill. More the number of advertisements higher is the priority for considering whether that particular skill is already covered in the curriculum or not covered. If it is already covered in the curriculum the departments are advised to teach the skill required more at depth. In the event that skill is not covered in the curriculum the departments are requested to revisit the curriculum and include the same by requesting the Board of Studies in this regard. If this is not possible to change the curriculum during the year , a bridge course may be organized so that the present batch of students will not be at a disadvantage.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	Nil

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

The two major academic reforms which have contributed to significant improvement in the Teachinglearning process of the institute are presented hereunder: (1) Introduction of Outcome Based Education (OBE) The college has introduced OBE to reform the teaching, learning and evaluation processes. In OBE, the instruction and evaluation are based on certain outcomes which are required to be achieved by the students by the time they graduate a course. The NBA has prescribed that 12 graduate attributes are to be attained by the time the students complete their graduation. Each course has 5/6 units and after the instruction of each, an outcome i.e. a certain capability is to be achieved by the students i.e course outcomes (COs). Hence, there are 5/6 COs for each subject and an analysis is made as to whether program outcomes of a course (POs) (a - k) are addressed by the COs or attainments are satisfactory. Mapping is done by considering all COs of various courses offered by a particular program shall address all the POs. Some of the POs may be addressed by many COs of various courses while some POs may be

addressed by only a couple of COs. Similarly the program outcomes must address PEOs which signify the educational objectives for which the program concerned is offered. Thus, the mapping of POs to PEOs is carried out to see as to whether all PEOs are addressed by the 12 POs. At the next stage, it is ensured that the mission statements of a particular program are addressed by PEOs. Direct assessment (80%) and indirect assessment (20%) tools are employed to evaluate the overall attainment of POs. The attainment of POs is calculated based on the extent to which each CO is attained by the student of a particular program based on the performance in the tests, assignments, placements and admission to higher studies etc.(80%) and also by the opinion of the employers' on the achievement level of the student (20%). The Essence of OBE When compared to conventional evaluation, OBE evaluates the performance of students based on the attainment of predefined outcomes for ensuring the graduate to be capable of carrying out the various tasks assigned to him/her in the industry. The course-end survey, exit survey, alumni survey, parent's feedback and employer feedback will guide the institution/department in the revision of syllabi, teaching methodology and assessment process. This helps to prepare a student as per the contemporary requirements in the industry. In SNIST, four UG programs namely Mechanical Engineering, CSE, ECM and Biotechnology were successfully accredited by NBA in 2015 under OBE. Subsequently, EEE and ME departments were also re-accredited. The implementation of OBE has resulted in the successful attainment of predetermined outcomes (>75% against a set goal of 70%) in all programs. The concept of Blooms' Taxonomy is also kept in mind by the teachers in the instruction and evaluation. Second practice Promotion of lifelong learning experiences and encouragement for conduct of research and innovations leading to publication of papers and submission for registering for patents In the formulation of our curriculum, efforts are made by faculty and pioneers in technical education and industry to imbibe the qualities of life-long learning and inquisitiveness in conduct of research and innovation. In general, industry experts who are involved in campus placements are expressing unhappiness with the written and oral communications of some UG students. Introduction of Technical Seminar in our curriculum With the introduction of technical seminars, the students are made to browse internet for various technical developments and efforts that are being made for improving the same.The seminars are made through power point presentation to improve their. Thus, communication skills by the time they go to final year. In this process, the student will become lifelong learners and this attribute will help them not only during their studies but also in their professional careers.The fresh graduates will have to learn on their own any new skills that come in the IT sectors wherein the

degree of obsolescence is very high. Encouragement to students for publishing technical papers and submission of applications forpatents This initiative of the Boards of Studies and Academic Council made the students to learn on their own such as Group Projects, Internships, Industry oriented mini projects, and final year projects in two phases i.e. in IV year I and II semesters. The students in their process of thinking beyond the text book knowledge is helping them to innovate and because of the encouragements given by the faculty and the management they are able to conceive new ideas and fabricate them which has resulted in new process or a design or a product which is found to be fit for submitting the same to Indian Patents Office for awarding a patent to the student or the student and his guide concerned. The students work under the guidance of faculty in literature survey on a particular topic, the methodology of conducting research in that area and thus they will get some new ideas which can lead to conduct of R &

D activity which results in publication of papers not only in conferences but also in indexed journals. The number of papers published by students during the last five years is about 750. Any financial assistance and physical facility required for conduct of research or for developing patents by a student or a group of students is provided by the college Management. This experience will help the students to conduct investigations in the frontier areas of knowledge. Introduction of certain courses which will improve the employability of students Based on a study made about the recruitment process in the present day industry a number of new subjects are integrated in our curriculum i.e logical reasoning, quantitative aptitude, language skills and soft skills to make the students proficient to get selected in the campus placement process.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	[Nil]()

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

A. Any 4 or all of the above

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

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.sreenidhi.edu.in/pagecontents.php?catid=11&scatid=312
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	No File Uploaded
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

1.Safety and Security of Girl Students The college explicitly and exhaustively follows safety norms in all aspects. The college has a strong security wing consisting of 80 personnel to safe guard the campus in all aspects. The entire campus is covered under enough lighting arrangements. Safety and Security for lady faculty and girl students and others is ensured by these personnel. Responsible faculty members are monitoring the campus and the corridors of all the buildings, classrooms and laboratories. Timely medical assistance for girl students and lady faculty is provided by a full time Doctor on campus. Transport facilities are promptly provided in case of emergency. First aid boxes are provided in all buses and laboratories. Grievance Cell is established, and investigations are carried out based on complaints received from Lady Faculty and girl students. Necessary action is taken. Complaints of any harassment are dealt

with preserving anonymity of the complainant. Every classroom, corridor and different important points in the entire campus are equipped with CC Cameras. The recorded information is preserved for a couple of months so that the information can be of use to the enquiry committee constituted by the college in case any complaint. 2.Counselling of Girl Students Twenty girl students are allotted to

one lady faculty member who is teaching the concerned section for counselling and mentoring. Counselling note books are made available to the Counsellors, one for every student, so that the details of counselling activity carried out by the faculty for each student is recorded. This book will be given to the new set of lady teachers who are teaching the section in the next semester. After completion of the next semester it will be passed on to the next and so on so that the counselling activity carried out by the faculty is available in one book itself for the entire period of study. The aspects which are taken care are monitoring of the attendance, academic performance in each subject as it progresses and whether there are any backlogs. The matter which concerns the academic progress of the student are discussed with the student for improvement and Parents are requested to come to college to meet the concerned Counsellor. The achievements of the students in academics, extracurricular and co-curricular activities, are recorded in the counselling note book which will be helpful for the teachers concerned while writing the recommendation letters. 3. Common Room for Girls Boys and Girls are provided separate common halls as per AICTE norms. A Common hall for lady teachers is also made available

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.sreenidhi.edu.in/pagecontents.php?catid=2&scatid=320

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

B. Any 3 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

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

1) Degradable waste:Solid Waste Management

- Transport arrangements are made for solid waste which is collected and sent to Jawahar NagarSolid Waste Setup every day for their use to produce Electrical Energy from the waste.
- Some Dry leaves collected from the gardens and other palces of the campus are being burnt in a specially designed furnace for the purpose
- There is a common room for the lady faculty along with a girls' room in every block of the college.These rooms are equipped with an artificial incinerator for disposing sanitary napkins.

2) Degradable waste: Liquid waste management

- Drinking Water facility is arranged in every block through the water treatment plant installed in the
- campus. As there is maintenance problem with the RO plant, arrangements are made to buy treatedwater from Water Treatment companies nearby.

- Waste Water is drained through piping system to the STP and the treated waste water is used forwatering the plants and the Green cover in the campus.
- Wastage of drinking water is restricted through proper monitoring.
- water is properly used to maintain the greenery in the campus as well as to provide ecologicallyaesthetic environment
- Proper drainage system is arranged for all the buildings of the campus

3)Non-degradable waste:E-waste management

- The E – waste (like condemned batteries and damaged computers) of various laboratories andcomputer centres are disposed through outside agencies.
- The low configured computers are donated to nearby schools
- Other E-waste materials are properly disposed as per the usual practices.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geotagged photographs of the facilities	View File
Any other relevant information	**No File Uploaded**

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	**No File Uploaded**

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

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

`D. Any 1 of the above`

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	[View File](#)
Certification by the auditing agency	[View File](#)
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

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

`C. Any 2 of the above`

File Description	Documents
Geotagged photographs / videos of facilities	[View File](#)
Policy documents and brochures on the support to be provided	[View File](#)
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	[View File](#)

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

Sreenidhi Institute of Science and Technology adopts the philosophy to foster an understanding that the whole world is one family. This philosophy is derived from a verse in the Upanishad texts which reads as "VASUDAIKA KUTUMBAM" meaning "the world is one family". SNIST being situated in a semi-urban location, the college draws students from various parts of the state. Thus, We respect every Culture, regional feelings, Language, Community and all other socio-economic conditions of the community. Faculty and Staff always take personal interest of the students and maintain a harmonious-relation with the student.

Traditional day is celebrated by the students to showcase the culture and heritage of the country. Faculty and staff also actively participate in this annual event.

Rangoli – a culture event of Telugu society is celebrated in the campus by the Arts Club every year. The girl students display variety of artistic design in this event.

Cultural Day is celebrated by the Students initiated by the Arts Clubwhere students are given opportunity to showcase their skills viz., Dancing, Singing, Mimicry, Mime

Bathukamma is floral festival celebrated predominantly by the Telangana. In Telugu, 'Bathukamma' means 'Mother Goddess come Alive' and Goddess Maha Gauri-'Life Giver' is worshipped in the form of Bathukamma. This is being celebrated by the Womens Development Cell.

Sankranthi – the harvest festival of Telangana is also celebrated in the institution

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded

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

The College in its revised regulations and Curriculum introduced as Open elective, the course titled "Constitution of India" an initiative to impart the basic concepts pertaining to Indian constitution. It is made mandatory to all the branches of engineering at second year level. This course is taught by the respective department faculty. In this connection a Faculty development program is conducted to all the faculty members by eminent personalities. This attempt not only helped in sensitization of students but also faculty members. The major topics covered under this course include

Meaning of the constitution law and constitutionalism Historical perspective of the Constitution of India Salient features and characteristics of the Constitution of India Scheme of the fundamental rights The scheme of the Fundamental Duties and its legal status The Directive Principles of State Policy – Its importance and implementation Federal structure and distribution of legislative and financial powers between the Union and the States Parliamentary Form of Government in India – The constitution powers and status of the President of India Amendment of the Constitutional Powers and Procedure The historical perspectives of the constitutional amendments in India Emergency Provisions: National Emergency, President Rule, Financial Emergency Local Self Government – Constitutional Scheme in India Scheme of the Fundamental Right to Equality Scheme of the Fundamental Right to certain Freedom under Article 19 Scope of the Right to Life and Personal Liberty under Article 21

The major outcomes of the course are:

Awareness about constitutional obligations

Understand the social, political and economic perspectives of the Indian Society

Understand the Parliamentary Form of Government in India

To be a responsible citizen of the country

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	**No File Uploaded**

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

C. Any 2 of the above

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

Organising National Festivals Institution organises every year National festivals like Independence Day on 15th August and also Republic Day on 26th January. The faculty members, staff and students assemble every year in large numbers for the national celebrations conducted on campus Flag hoisting ceremony is conducted. A number of senior teachers take part in paying homage to our departed leaders such as the father of the nation Mahatma Gandhi Ji, first prime minister of India Pandit Jawaharlal Nehru and many

other freedom fighters. The assembly is addressed by the Executive Director, Principal, Deans / Directors, Teachers, Non teaching staff and students, paying tributes to the great leaders who have sacrificed their lives for achieving freedom of our country. The phenomenal achievements during the years of Independence are detailed in the speeches, thus arousing patriotic spirit in everyone. National Anthem and National Song are recited in the meetings. The NCC cadets of the college stage a March on these days. Their parade and the soulful renderings by the choir brightens the occasion. Birth / Death Anniversaries of Great Indian Personalities 1.Gandhi Jayanthi: Oct 2 2.Babu Jagjivan Ram's Birthday 3.Martyr's Day (Jan 30) – The students and faculty pray for two minutes remembering Gandhiji and prays for his soul to rest in peace. 4.National Youth Day (Jan 12) – Swami Vivekananda's Birth Anniversary 5.National Science day (Feb 28)– Commemorating the discovery of Raman Effect 6.National Engineer's day(Sep 15) : Celebrated as tribute to the greatest Indian engineer and Bharat Ratna, Sir Moksha Gundam Vishweshvaraya All the above national days of importance are commemorated in the college by involving the students in various literary, cultural and science activities. State Festival The state festival, Bathukamma, is also celebrated on campus. The students, faculty and staff get dressed for the occasion and play Bathukamma, thus promoting the state festival. Ours being a secular country, the government declares General holidays for festivals of various religions. So that the faculty, staff and students who belong to different religions will have time to conduct all the rituals and practices, commemorating the significance of the festivals concerned. This helps in planting the seeds of secularism in everyone's mind

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice – 1 1. Title of the best practice Developing scientific temper among faculty and students by encouraging conduct

of research by various initiatives. 2. Objective i. Today effective teaching as well as research is important for the student to respond to the challenges in global scenario. ii. It is necessary that the teaching must be application oriented and thereby expertise in research is to be achieved to make the teaching interesting and useful to the students. iii. Knowledge in emerging technologies for solving problems that arise in the changing industrial scenario i.e onset of 4.0. iv. Fostering interdisciplinary research with collaboration of different branches of engineering and science faculty. v. Publication of papers and participation in various competitions which enable the students to hone their ideas and innovations.

Best practice – 2 1. Title of the practice Initiatives taken by the Institution for student Development in all aspects including shaping as Entrepreneurs 2. Objectives of the practice : The college aims to produce intellectually strong, emotionally stable, socially responsible and spiritually enlightened graduates to ensure wholesome education for balanced development of the student. The college owns responsibility of making the student employable. a. To Design a curriculum to meet with faster technological developments which promotes student centric learning and also to enhance their employability. b. To ensure effective teaching learning process. c. To make the students work in groups to improve their emotional quotient. d. To inculcate ethical values and societal awareness through various student clubs. e. To arrange lectures on spiritual values.

File Description	Documents
Best practices in the Institutional website	https://www.sreenidhi.edu.in/pagecontents.php?catid=11&scatid=554
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

Igniting the Spirit of Innovation and Entrepreneurship

Vision, Priority, and Thrust of the Institution

Our college is driven by the Vision that it should focus on producing professionally competent and socially sensitive engineers. The institute encourages the students and faculty to be creative thinkers, to be innovative, and for registering patents. They are further encouraged to create new products which need conceptual clarity, innovation, and realization of new products.

Right from 2006, the college has been conducting events that celebrate innovative ideas and solutions which attracted the attention of various engineering colleges in the country and they deputed their students to participate in this event year after year. Thus, the college has been making pioneering efforts for the cause of igniting the spirit of innovation in engineering students.

Innovation and Entrepreneurship Initiatives

- Establishment of Sreenidhi Hub and facilities provided
- SNIST – MoE's Institute Innovation Council – Recognized with Highest Rating - Five Star Rating
- SNIST – Sreenidhi Hub Recognized by The Ministry of MSME as the Host Institute to promote and Support Business Incubation.
- SNIST as J- Lab under J-HUB, JNTUH – Promoting Innovation at Regional Level.
- Strategic Alliances Forged for promoting Innovation and Entrepreneurship.
- Associated with (Telangana Academy of Skills and Knowledge (TASK) and Indian School of Business (ISB).
- Entrepreneurship Elective Courses from Wadhwani Foundation USA to Students.
- Mentoring and Training program in association with The Indus Entrepreneurs(TiE Group), Telangana Hub (Thub), and Central Institute of Tool Design (CITD)

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

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

Institute has Boards of Studies for UG and PG programmes. Each respective board takes into consideration the institutional Vision and Mission while preparing curriculum and subsequent revisions are put up before the Academic Council which consists of Institute members and external subject experts and university representatives as per the guidelines issued by UGC for Autonomous Colleges. Their inputs are implemented in the revision of syllabus. Sreenidhi Institute of Science and Technology was conferred the autonomous status in the year 2010-11 by UGC and since then, the institute has been formulating its own syllabi in the following methodology as explained below. The PEOs are aligned with the Mission of the department and in turn the Mission of the department is in line with the Mission of the Institution. For undergraduate programs, NBA has given guidelines with regard to Program Outcomes (PO) in the form of Graduate Attributes. Program outcomes must match with all the Program Educational Objectives(PEOs) of the program. We at Sreenidhi Institute of Science and Technology, adhere to and follow these NBA guidelines while defining the outcomes of the various courses offered. Each of the courses offered for a program is matched with at least one program outcome of the programme concerned. Thus, all the program outcomes are covered by all the courses offered for a particular program. Feedback is taken from all stakeholders in modification of existing courses and introduction of new courses based on the local needs and at the national and global needs. Depending upon the units in each of the course, a course outcome can be defined. It means that there must be some competency developed in the student when a particular unit of a subject is completed. For simplicity the college has adopted a method of defining a course outcome for each of the unit in a course. It is necessary that the course outcomes must match with the program outcomes desired after completing a subject. Thus the process of matching course outcomes with program outcomes and program outcomes with program educational objectives, Program educational objectives with mission statements of the branch concerned and the mission statement of the branch concerned must

be in line with mission of the Institution has been carried out. The curriculum is developed by the Boards of Studies concerned and subsequently approved by the Academic Council on which the above process of Course Outcomes, Program Outcomes, Program Educational Objectives is carried out. The Program Educational Objectives are to be in line with the Mission Statement of the Department which in turn is in line with the Mission of the Institute.

The autonomous curriculum, scheme of instructions, syllabus are set to meet basic skills expected from a graduate, industrial needs, local demand and in view of global needs and current technology courses. To enrich the knowledge in certain specializations of the main stream as per the current technology needs, a number of streams of Professional Electives are introduced. Open Electives can be offered as per AICTE guidelines.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=12&scatid=273

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

7

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

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

272

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

272

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

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

14

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

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

HUMAN VALUES AND PROFESSIONAL ETHICS IN HIGHER EDUCATION Course

Objectives This course intends 1. To help students appreciate the essential 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity, the core aspirations of all human beings. 2. To facilitate the development of a Holistic perspective among students towards life, profession, happiness and prosperity based on an understanding of the Human reality. Such a holistic perspective forms the basis of Universal Human Values and movement towards value-based living. 3. To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually fulfilling human behavior and mutually enriching interaction with Nature. Course Outcomes: 1.Learns being a human, understands values and purpose of education 2.Understands the importance of harmony. 3.Improves Learning capabilities and communication skills. 1.Understands and appreciates the importance of personality development and yoga for a holistic life. 2.Understands the essence of Morals, Ethics, Values and Social responsibilities for successful life. GENDER SENSITIZATION, VALUES, ETHICS AND YOGA Course Objective: To develop students' sensibility with regard to issues of gender in contemporary India, provide a critical perspective on the socialization of men and women, introduce students to information about some key biological aspects of genders, expose the students to debates on the politics and economics of work and help students reflect critically on gender violence. Identify the core values that shape the ethical behavior of an engineer, to create an awareness on professional ethics and Human Values and to appreciate therights of others. Course Outcomes: 1.To develop students' sensibility with regards to issues of gender in contemporary India. 2.To provide a critical perspective on the socialization of men, women and transgender, to acknowledge women's role at home and at work and to have a wider understanding of Ethics. 3.To help students reflect critically on gender violence. 4.Perceive gender literacy and understand the importance of gender perspective. 5.Understand rules and principles set by the society in a customary way. . ENVIRONMENTAL AND APPLIED CHEMISTRY To learn the preparation methods and applications of commercial and conducting polymers, to understand the Ecosystems and Bio diversity, sustainable development and green technology, the natural resources available and over exploitation of resources. To develop the concepts and preparation methods of fuels and to have idea about pollution and to learn the control methods for pollution. Course Outcomes: 1.Explain methodologies that facilitate greater control over product and enable novel polymer architectures. 2.Understand the concept, Structure and Function of Eco system in order to save the environment. 3.Use the techniques in sustainable development

with regard to Water, Wasteland reclamation, Environmental management and green technology 4.Identify the natural resources available and how to save the resources. 5.Apply techniques in preparation and use of energy sources in industries. 6.Apply Control measures of Urban and Industrial waste to reduce pollution.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

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

24

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

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

582

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

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

2601

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

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.sreenidhi.edu.in/pagecontents.php?catid=11&scatid=492
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.sreenidhi.edu.in/pagecontents.php?catid=11&scatid=492
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1581

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	[View File](#)

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

1075

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

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

The institution is committed towards the pursuit of excellence. The college is an autonomous institution which strives for Outcome based Educational Philosphy. All acdemic procedures are developed and oriented towards student-centric learning environment. The students have the benefit of experential, particpative and problem solving methodology as explained hereunder. Experiential learning: 1.Project Based Learning(PBL): The faculty members in the respective departments have extensive interaction with the students during their (i) Group project, (ii) Major project, (iii) Industry oriented project and (iii) Lab experiments (iv) Lab projects It may be noted that all these projects are part of the main curriculum of the B. Tech. program. 2.Internships: Students of the B. Tech. II and III year undergo rigorous internships in industries during their summer vacation. The work experience in the Industrial Internship period greatly enhances their skill and knowledge. Institute help them finding suitable internship positions and monitor their punctuality, learning, discipline and performance in their end certificate testing. 3. Industrial Visits / Field Trips Students are regularly taken to Industrial visits relevant to their courses to have realistic Industrial exposure and practical knowledge to reputed industries like BHEL,NFC,Power Plants, NRSA etc., Also, students understand the requirements and demands of Industries. In a given academic year two Industrial visits are planned in

each semester by the departments.4. Computer-Assisted learning: The college has full fledged Digital library facility for the students to use Internet and consult online technical journals for searching technical information / literature required for their projects,seminars and other academic requiremets which forms part of their degree requirement. The video lessons available from SONET,NPTEL and video lectures prepared by faculty of the college are regularly viewed by the students in the library to enhance their learning. Participative learning: 1.Technical paper writing and seminars: This is a mandatory course in every semester. For the seminar, a student under supervision of a faculty member has to collect literature on a topic and critically review the literature and prepare a presentation on the same. 2. Technical Club activities: Students take annual membership in various college clubs based on their personal interest and passion. Highly active clubs such as Robotics, SAE-SNIST, Electronics Club, Bachpan Prayas, Infinity Club, IC2 are the in the campus where students spend valuable amount of time in learning and creating new projects. 3. Sreenidhi Hub: Students use this as a platform to implement their new ideas and consolidate as groups. Students team up in the Hub to work, discuss and brain storm on latest topics to build innovative projects. The college supports and encourages students to participate in several National and International innovative Competitions. Problem solving methodology: 1. Tutorials: where critical problems are made to be solved by students independently. GATE exam problems are solved by the students. 2. Hackathons: Institute offers opportunity to exhibit the skills acquired by the students by conducting Hackathons typically lasting upto 48 hours. In such events a large number of students are made to engage in collaborative project to solve real world problems.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
04/01/2021	7060	355

File Description	Documents
Upload any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

The institution is committed towards the pursuit of excellence. The college is an autonomous institution which strives for Outcome based Educational Philosphy. All acdemic procedures are developed and oriented towards student-centric learning environment. The students have the benefit of experential, particpative and problem solving methodology as explained hereunder. Experiential learning: 1.Project Based Learning(PBL): The faculty members in the respective departments have extensive interaction with the students during their (i) Group project, (ii) Major project, (iii) Industry oriented project and (iii) Lab experiments It may be noted that all these projects are part of the main curriculum of the B. Tech. program. 2.Internships: Students of the B. Tech. II and III year undergo rigorous internships in industries during their summer vacation. The work experience in the Industrial Internship period greatly enhances their skill and knowledge. Institute help them finding suitable internship positions and monitor their punctuality, learning, discipline and performance in their end certificate testing. 3. Industrial Visits / Field Trips Students are regularly taken to Industrial visits relevant to their courses to have realistic Industrial exposure and practical knowledge to reputed industries like BHEL,NFC,Power Plants, NRSA etc., Also, students understand the requirements and demands of Industries. In a given academic year two Industrial visits are planned in each semester by the departments.4. Computer-Assisted learning: The college has full fledged Digital library facility for the students to use Internet and consult online technical journals for searching technical information / literature required for their projects,seminars and other academic requiremets which forms part of their degree requirement. The video lessons available from SONET,NPTEL and video lectures prepared by faculty of the college are regularly viewed by the students in the library to enhance their learning. Participative learning: 1.Technicalseminars: This is a mandatory

course in every semester. For the seminar, a student under supervision of a faculty member has to collect literature on a topic and critically review the literature and prepare a presentation on the same. 2. Technical Club activities: Students take annual membership in various college clubs based on their personal interest and passion. Highly active clubs such as Robotics, SAE-SNIST, Electronics Club, Bachpan Prayas, Infinity Club, IC2 are the in the campus where students spend valuable amount of time in learning and creating new projects. 3. Sreenidhi Hub: Students use this as a platform to implement their new ideas and consolidate as groups. Students team up in the Hub to work, discuss and brain storm on latest topics to build innovative projects. The college supports and encourages students to participate in several National and International innovative Competitions. Problem solving methodology:

1. Tutorials: where critical problems are made to be solved by students independently. GATE exam problems are solved by the students.

2. Hackathons: Institute offers opportunity to exhibit the skills acquired by the students by conducting Hackathons typically lasting upto 48 hours. In such events a large number of students are made to engage in collaborative project to solve real world problems.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

Sreenidhi Institute of Science and Technology encourages and strongly promotes extensive use of ICT enabled tools including online resources for effective teaching and learning process and making it engaging experience for students.

All the faculty of the institute is using ICT tools and resources available on its campuses. Computers are available to faculty for preparing presentation and notes for various courses taught by them. With the Covid-19 pandemic situation the assignments are posted online and the solutions are submitted online by the

students. All the Classrooms equipped with LCD projectors, Computers and audio systems.

Dedicated e-library for all to access of online journals and resources. The college has 4 seminar halls equipped with high quality audio-video facility for conducting events and activities. The campus is Wi-Fi enabled and the internet speed is 500mbps.

:Online teaching platform: Faculty have been using TCS-Ion online learning management system for online classes during the pandemic period. Apart from this CISCO-Webex licenses are available for conducting any online activity

Video lecture recording studio: Studio is available for recording lectures of faculty in various courses taught by them. This give students of SNIST all the possible materials of engineering in the form of video lectures which will help them in smart learning.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.sreenidhi.edu.in/attachments/IQAC/SSR/Class%20Rooms.pdf
Upload any additional information	No File Uploaded

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

2.3.3.1 - Number of mentors

348

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

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

Preparation and Finalization of the Academic Calender The institutional academic calendar is prepared by the College

Academic Committee (CAC), based on the criteria that the number of working days per semester should be at least 90 days. Taking into this consideration the number of weeks of the instruction is arrived at as 16 weeks. Besides this , 8 days are provided for conducting 2 mid sessional examinations . A duration of 10 days is provided for conduct of external examinations in practicals and also for preparation for end semsester examinations in theory subjects. Additional 2 ½ weeks is needed for conduct of these end semester theory examinations. In all 22 weeks are required for instruction, internal and external examinations besides providing about 1 week of preparation. Apportioning another 22 weeks for the II semester and 6 weeks per year of vacation as per UGC regulations, there are couple of weeks remaining , which will take care of holidays declared by the Governement of Telangana. This academic schedule prepared by College Academic Committee and is presented to Joint Board of Studies Meeting and the decision of Joint Board is informed to the Chairmen , Boards of Studies for various B. Tech. And M. Tech branches of Engineering and Technology besides MBA program. Preparation of Teaching Plans This is carried out by the teachers who are alloted various subjects at Under Graduate and Post Graduate levels in each of the departments with the mutual understanding of all teachers to handle the differentsubjects offered in the concerned semester. The college has a practice of preparation of course files for each semester of various branches at UG and PG level and distribute to the students at the begining of the each of the academic semesters. In the course file, the syllabus, the lecture schedule, a list of multiple choice questions/ Fill up the blanks / short answer questions, and long answer questions. This will give to the students as well as the new faculty members with regard to the level of teaching that has to be maintained while teaching each of the unit. Each subject is divided into six units which has to be completed with 16 weeks of instruction. On the average , each subject will get about 60 hours of instruction and thus each unit will get about 10 hours of instruction. With this guidance , the teachers will prepare lesson plans so that, there will not be a situation where the teachers might take much more than 10 hours of instruction for a particular unit which will lead to lesser number of hours available for other units. There can be a little variation from the estimated 10 hours of instruction per unit but it should not be more than 2 or 3 hours. The acadamic calender is made avilable to students before commencement of classwork and is made avilable throughhttps://www.sreenidhi.edu.in/pagecontents.php?catid=12&scatid=266

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

2.4 - Teacher Profile and Quality

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

355

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	**No File Uploaded**
Any additional information	**No File Uploaded**

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

136

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	**No File Uploaded**

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

2782.33

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

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

Nil

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	**No File Uploaded**

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

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	**No File Uploaded**
Upload any additional information	**No File Uploaded**

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

Positive Impact of reforms on the examination procedures and processes:

S.No Name of the reform Positive impact due to the introduced reform 1 Appointing of internal squads, floor incharges by the Chief Superintendent (Principal) 1. periodic rounds by the team improvises amongst the students and invigilators 2. Drastic reduction in the number of malpractice cases. 2 On Screen Marking (Digital Evaluation) of External Examination Papers

1. Transparency is maintained. 2. In this method papers will not be sent physically to the evaluator. Instead scanned copy of the paper will be displayed to the authorized evaluator. 3. Paper allotment to the evaluator will be done on random basis. 4. Same paper will not be allotted to the evaluator in any other

evaluation (.i.e.Evaluation-2, Evalaution-3 or Revaluation).

5. Minimum time for evaluation of the script is 6 minutes and no limit for maximum. 6. For each day given evaluator can evaluate only 50 scripts (either in single subject or in all the subjects allotted). 7. At the maximum specific evaluator can evaluate 300 scripts only. 8. Evaluation can be done parallel for each script, so that result can be declared within a short span of time. 9. We can get question wise marks also for NBA purpose (CO and PO calculation). 10. In case of revaluation no need to search for the script manually. 11. Answer scripts can be stored digitally for longer period of time.

3 Surveilance Camers are installed in all the class room, labs, corridors and out side the building to cover the entire area of the college. 1. Restricted entry to unauthorized persons premises 2. Continuous monitoring of invigilation duties by the faculty 3. Curbing of malpractices by the student 4 Introudcing multiple sets (Two) of question papers for both internal and external examinations. 1. Leakage of question paper is prevented. 2. Random selection of question paper just before the examination by the Chief Superintendent improves the quality of the conduction of the examination by our Institution. 5 Preparation of scheme of evaluation and Key by the teachers 1. Evaluation procedure will be uniform

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.sreenidhi.edu.in/pagecontents.php?catid=12&scatid=285

2.6 - Student Performance and Learning Outcomes

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

The programme outcomes (POs) for each under graduate and post graduate programme and for each courseare well defined based on the NBA guidelines. For simplicity, there are six outcomes that are defined foreach of the six objectives which are based on each of the six chapters. The awareness regarding these outcomes be it programme outcomes (POs) or programme specificoutcomes (PSOs),

are discussed with all the concerned stake holders at length at various levels ofinteraction through awareness programmes for the students, awareness programmes for the faculty and alsoduring parent- teacher interactions which occur on a regular basis. The POs are published and disseminated in the following ways:

- Displayed in the offices of the departments.
- Published in college website and student handbooks.
- Explained to students and their parents as part of the induction program.
- Explained to newly joined faculty and staff members during a staff orientation program.

Program Outcomes The curriculum comprises courses related to basic sciences, humanities and social discipline, Engineering & Technology, professional / open electives, projects and seminars. Each course contributes to learning outcomes reflecting the skills and competence that are required at the time of graduation. The Program outcomes (POs) reflect the ability of graduates to demonstrate knowledge in fundamentals of Basic Sciences, Humanities and Social Discipline, Engineering & Technology and practically apply the knowledge for the benefit of the society. The graduates must adhere to professional and ethical responsibilities in pursuit of their careers. These outcomes also enable the graduate to pursue higher studies and engage in R&D for a successful professional career. The POs crystallize in the attainment of Program Educational Objectives (PEOs) which will help the graduate to perform his or her duties, professional responsibilities, design, development, production and testing of novel products, dealing with finances and project management. These capabilities are reflected in PEOs.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

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

For undergraduate programs, NBA has given guidelines with regard to program outcomes (PO) in the form of Graduate attributes. There are 12 graduate attributes defined by NBA and the

departments concerned of various colleges are to define their own program outcomes. However the program outcomes must match all the program educational objectives of the program. We at Sreenidhi Institute of Science and Technology, adhere to and follow these NBA guidelines while defining the outcomes of the various courses offered. Each of the subjects offered for a program is matched with at least one program outcome of the branch concerned. Thus, all the program outcomes are covered by all the subjects offered for a particular program. Depending upon the units in each one of the subject a course outcome can be defined. It means that there must be some competency developed in the student when a particular unit of a subject is completed. For simplicity the college has adopted a method of defining a course outcome for each of the unit in a subject. It is necessary that the course outcomes must match with the program outcomes desired after completing a subject. Thus the process of matching course outcomes with program outcomes and program outcomes with program educational objectives, Program educational objectives with mission statements of the branch concerned and the mission statement of the branch concerned must be in line with mission of the Institution has been carried out. Only when this process is completed successfully the curriculum development part of the work is processed further. A series of all faculty meetings are conducted in correlation with the set of courses which require modifications and deletion/addition and are prepared in accordance with the curricula of some of the leading academic institutes in India and abroad.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

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

1548

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://www.sreenidhi.edu.in/pagecontents.php?catid=11&scatid=537

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

SNIST Research efforts are towards productive collaboration with other leading Research Institutes at national and international level, to develop solutions fortechnology advancement and solve societal problems. The institute aims to achieve high standard in research and innovation by synergetic participation by students and faculty. Each department with the institute is required to have research and projects lab for faculty and students. Research group are formed within the department so that faculty collaborate, at the same time multidisciplinary approach is encouraged.

Under the R&D policy research facilities are upgraded through internal R&D proposals submitted by the faculty for research initiation and advancement which funds purchase of required equipment/material procurement or upgrade of software. The institute also supports faculty achievement by awarding incentives for securing sponsored projects, industry consultancy and quality journal publication.The policy has provision for reimbursement for participation in conference, related travel and fully funds patent filing process. Further details of about the R&D policy is available at -
https://www.sreenidhi.edu.in/pagecontents.php?catid=7&scatid=322.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File](#)
Provide URL of policy document on promotion of research uploaded on the website	https://www.sreenidhi.edu.in/pagecontents.php?catid=7&scatid=322
Any additional information	**No File Uploaded**

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

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

471478

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	[View File](#)
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	[View File](#)
List of teachers receiving grant and details of grant received	[View File](#)
Any additional information	**No File Uploaded**

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

5

File Description	Documents
e-copies of the award letters of the teachers	[View File](#)
List of teachers and details of their international fellowship(s)	[View File](#)
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

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

13.99

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

2

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

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

3

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	**Nil**
Any additional information	[View File](#)

3.3 - Innovation Ecosystem

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

SNIST believes inculcating innovation among students there by contributing to nation's development that solves societal problems. Strong Academics, Industry relevant training, Emerging technology knowledgethrough R&D and Professional mindset with human approach are the essential attributes that determine thesuccess of our institute. In the year 2006, Prof. Naga Sreenivasa, Professor of Training and Placement has conceived an idea that the spirit of innovation has to be incubated in the minds of the students and the college has conducted the very first innovative idea and solutions competition. From then onwards, the college has been encouraging the students to come out with innovative solutions for the problems that are faced by the students and the society at large. SNIST is recognized by DSIR, Govt. of India asScientificandIndustrialResearchOrganization(SIRO)-2009totilldate.SNISTmanagementishighly encouraging and promoting in-house Academic Research activities. SNIST management also works with reputed industries to forge alliance to offer consultancy and advance training programs in the emerging fields which necessitates the faculty to take up Advance Research problems. The Sreenidhi's SNIST-Hub has been recognized as the Host Institute facility under Development Commissioner – New Delhi Scheme to Support Entrepreneurship and Managerial Development of SMEs through Incubators. Under this scheme each approved student innovative idea isto receive 15L of funding from the Directorate Commissioner – MSME for the startup. Sreenidhi-Hub Vision – "To emerge as a renowned ecosystem that develops indigenous technologies by spurring idea to prototype to product with focus to nurture and launch techstartups to achieve global success". SNIST has an active Institute Innovation Council under the Ministry of MHRD'sInnovation Cell where in students and faculty participate and organize events such as Leadership Talks Series,Ideation Sessions, PrototypeCompetition and Smart India

Hackathon. The institute is also a recognized Innovation lab under the mentorship ofthe Incubation Center of JNTU Hyderabad wherein students participate in the Technology Bootcamps, Ignite Problem Identification sessions, Regional & Central Hackathons and Acceleration Programs The dedicated to SNIST-Hub is around 5000 Sq.ft which comprises of 10 cubicles as office space for business incubates, Tinkering/Sandbox lab Space, Technology Room, Director and Manager meeting room and training rooms for students.SNIST-Hu provides access to centralized facility, support with seed capital, facilitate networking and other services for the startups to be successful and independent. The Hubadvisory committee is formed comprising of eminent engineers from industry, scientists from research lab, senior manager of bank, Dean and Director from the host institute. The advisory committee is approved by Board of Governors of the institute. SNIST entered into MoU with Wadhwani Foundation, USA for Entrepreneurship Development. Under this agreement certification training program on entrepreneurshipisofferedtofacultyandstudents. The institute has also signed MoU with the TiE (The Indus Entrepreneurs – Hyderabad Chapter) and Telangana-Hub (popularly known as "T-Hub") to provide student mentorship, networking with top entrepreneurs&interaction angel investors and training workshops. In addition, to the above-mentioned activities institute conducts Student Innovative Idea competition every semester that is evaluated by an appointed external committee comprising of industry experts and research lab scientists.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=7&scatid=293

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

Nil

File Description	Documents
Report of the events	**No File Uploaded**
List of workshops/seminars conducted during the year	View File
Any additional information	**No File Uploaded**

3.4 - Research Publications and Awards

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

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	**No File Uploaded**

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

3.4.2.1 - Number of PhD students registered during the year

2

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

2

File Description	Documents
List of research papers by title, author, department, and year of publication	[View File](#)
Any additional information	**No File Uploaded**

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

0.178

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

3.4.5.1 - Total number of Citations in Scopus during the year

89

File Description	Documents
Any additional information	**No File Uploaded**
Bibliometrics of the publications during the year	[View File](#)

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

3.4.6.1 - h-index of Scopus during the year

524

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	**No File Uploaded**

3.5 - Consultancy

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

12.30

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

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

12.30

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

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

The college promotes a well-knit institution – neighbourhood network in which students acquire service training. The institution has a reputation of sensitizing staff and students to participate actively in the service centric programmes. Yamnampet, a small village situated at a short distance from the

college had been adopted by the college to undertake service activities in the village. A comprehensive socio-economic survey is conducted by the students in the village to identify the problems and needs of the local people. On the basis of the survey, the programmes are prepared in such a way which would cater for better agricultural, educational, socio-medical and health- care and awareness among the villagers. NSS Special Camps are organized every year in the adopted village where activities like bushcutting, laying of approach roads, desalting of water bodies, weeding out unwanted plants in water tanks, digging of drainage canals, bridging erosion/breaches in irrigation canals and plantation are carried out by NSS volunteers. The patients from the neighbouring villages are being provided free medical treatment by the College Health Centre. The patients are identified by the students and they help them in reaching the Health Centre. Free medicines are also distributed to the patients. Students are always ready to donate blood in case of emergency. NSS volunteers had visited a number of hospitals to voluntarily donate blood. Students conduct cleanliness, health and hygiene awareness programmes in and around nearby villages, hospitals, bus stand and railway station. NSS volunteers of the college always take an active participation in the time of natural calamities like cyclone, flood, and other socio backward necessities. The students identify the school drop outs and help them in getting enrolled into the government schools after counselling their parents. The extension activities have made significant impact on the community.The NSS and YRC Unit of the institution created awareness about HIV/AIDS, sexually transmitted diseases, importance of breast feeding, Blood Donation, addressing issues related to Polio, malnutrition of children and pregnant mothers, family planning, empowerment of women, elimination of child labour, and environmental protection in the community. Such activities have helped in improvement of health and lifestyle of the community and created scientific temper among the rural population. The college has an NSS Unit with a trained faculty member as the Programme Officer. 100 students are enrolled with the Unit. The NSS unit of the college actively participated in the following community services: (1) Cleaning the environment (2) Plantation of trees and plants, (3) Construction of roads (4) Legal Aid Programmes, (5) Literacy mission (6) Community health programmes, (7) Blood donation camps, (8) Prevention of drug addiction and rehabilitation of victims, (9) Welfare of women and childcare and (10) HIV/AIDS Awareness programmes (11) Free Eye Camps (12) Free General Medical Camps

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

4

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

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

7

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

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

794

File Description	Documents
Reports of the events	No File Uploaded
Any additional information	View File

3.7 - Collaboration

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

32

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

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

19

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Sreenidhi Institute of Science and Technology was established an area of ten (10) acres with a total built up area of four lakh fifty seven thousand nine hundred and eighty square feet (4,57,980) which is sufficient for satisfying the norms of AICTE with regard to class rooms, tutorials, laboratories etc. There are in total Ninety two (92) number of classrooms which are well equipped with LCD and wifi/LAN facilities. With these visual aids smooth and effective functioning of teaching and learning process is carried out. There are one hundred and ten (110) well equipped laboratories for both under graduate and post graduate programs which satisfy the AICTE norms.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=5&scatid=553

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

SNIST provides Indoor and outdoor sports and game facilities to both girls and boys .The students participate in inter institute, inter university, state level, national level and international level competition Sports.A number of players haveplayed and won prizes in district, university, state and even national level games.

SNIST organises various cultural activities like Annual Day, Cultural Nite, Women's day, Freshers day, Dance competition and other such activities to explore the talented creativity of students.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=5&scatid=53

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

96

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

in Lakhs)

331.51

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

ILMS Software - Libsoft 12.0 is a multi user package designed and developed by a team of library professionals and software professionals for effective management of a library from all aspects. This package has been designed to handle huge volumes at lightening speed thus saving manpower. Libsoft is a Windows /Web based software and it runs in any Windows environment and hence it has excellent Graphical User Interface. Nature of Automation - Fully Automated Version – Libsoft 12.0 Year of Automation - 2002 year The following are the salient features of the software

- Absolutely user friendly software that requires minimum training.
- Simplified package, which requires minimum user interaction.
- Multi user package with database loaded in the server. The individual nodes across different
- departments can share the data from the server.
- Create/Modify/Delete different users (Password Protected), with restrictions set by the
- administrator at the time of creation.
- Generates Purchase Orders that can be sent by E-mail directly. The system keeps track of the items
- arrived as against the items ordered.
- Automatic tracking of items for ordered, received, reminders etc.
- Multiple Material (Books, Reports etc.) and Media (CD, Audio/Video cassette, Microfilm, Maps
- etc) cataloging, all in one place. Find & Replace facility for spelling correction.
- Easy way to installation of Libsoft 9.8.0 with inbuilt

  security files.
- Announcements (News/Messages) will be displayed to all members in individual member web
- OPAC account.
- Members can check their transaction details(title of their transaction, due date, fine amount and
- reserved material details) through web OPAC.
- Simplified serials module with auto reminder.
- Semi-Automatic DDC (Dewey Decimal Classification) based Classification Number generation.
- Circulation with bar code interface wherein the user needs very few interaction with the system.
- Circulation settings for different materials with different cards and due days.
- Excellent multiple reservation facility to reserve the book which has been issued.
- Enhanced but Simplified search facility (Boolean search with like, =, <, >, <=, >= and <>
- conditions) to locate books, members, purchase orders and Vendors quickly, Transactions can also besearched.
- Title of the Report, date and Time of report generation will be shown as Report heading.
- Graphical representation of Expenditure, Books in Demand, New Arrivals, Material distribution,
- Member transaction details, stock status etc. the way the user prefers.
- Membership card for Members/Users with Bar code.
- Automatic Bar code generation for Accession numbers for materials (Books, Journals etc.)
- Facility to track the Saved, Modified, Deleted and Circulated materials through Log entries for eachaction (Book Entry/ Circulation / Purchase Orders etc).
- Free tools for direct database interaction, and easy entry for fast data correction of material.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=5&scatid=158

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

access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	**No File Uploaded**

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

13.93

File Description	Documents
Audited statements of accounts	View File
Any additional information	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

146

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

4.3 - IT Infrastructure

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

SNIST IT Policy

Information and Communication Technology (ICT) maintains the policies governing the use of SNIST computing and IT communication resources. The IT Policy process also includes an annual review of existing policies and a selection of those

policies to be audited for verification of compliance within the SNIST.

Every member of the SNIST community is bound by these policies and is expected to be thoroughly familiar with them. Violators will be subject to the full range of disciplinary sanctions, up to and including expulsion or termination.

Need for IT Policy

Purpose of IT policy is to set direction and provide information about acceptable actions and prohibited actions or policy violations. Guidelines are created and provided to help organization, departments and individuals who are part of the SNIST community to understand how institution policy applies to some of the significant areas and to bring conformance with stated policies.

IT policies may be classified into following groups:

?Acceptable Use Policy

1. Employee Acceptable Use Policy
2. Student Acceptable Use Policy
3. Vendor Acceptable Use Policy
4. Network Security Policy
   1. Addressing and Domain Services
   2. Network Connections
   3. Wireless
   4. External Traffic, Services and Requests
   5. Network Security
   6. Enforcement
   7. Monitoring and Auditing
5. Email use Policy

- Hardware and Software Procurement Policy
- IT Hardware Installation Policy
- Software Installation and Licensing Policy
- Network (Intranet & Internet) Use Policy
- E-mail Account Use Policy
- Web Site Hosting PolicyFurther, the policies will be applicable at two levels:
- End Users Groups (Faculty, students, Senior administrators, Officers and other staff)
- Network Administrators

All the faculty, students, staff, departments, authorised visitors/visiting faculty and others who may be granted permission to use the SNIST IT Infrastructure, must comply with the Guidelines. Certain violations of IT policy laid down by SNIST by any institution member may even result in disciplinary action against the offender by the institution authorities. If the matter involves illegal action, law enforcement agencies may become involved.

Applies to

- Stake holders on campus or off campus
- Students: UG, PG, Research
- Employees (Permanent/Temporary/Contractual)
- Faculty
- Administrative Staff (Non-Technical /Technical)
- Higher Authorities and Officers
- Guests

Resources

- Network Devices wired/wireless
- Internet Access
- Official Websites, Web applications
- Official Email services
- Data Storage
- Mobile / Desktop / Server computing facility
- Documentation facility(Printers/Scanners)
- Multimedia Contents

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
7060	2350

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

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

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=5&scatid=468
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

217.95

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	No File Uploaded

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

Sreenidhi Institute of Science and Technology was established an area of ten (10) acres with a total built uparea of four lakh fifty seven thousand nine hundred and eighty square feet

(4,57,980) which is sufficient forsatisfying the norms of AICTE with regard to class rooms, tutorials, laboratories etc. There are in total Ninety two (92) number of classrooms which are well equipped with LCD and wifi/LAN facilities. Withthese visual aids smooth and effective functioning of teaching and learning process is carried out. Thereare one hundred and ten (110) well equipped laboratories for both under graduate and post graduateprograms which satisfy the AICTE norms.

PROCEDURES AND POLICIES FOR MAINTAINING AND UTILIZING PHYSICAL, ACADEMIC AND SUPPORT FACILITIES - LABORATORY, LIBRARY, SPORTS COMPLEX, COMPUTERS, CLASSROOMS etc.

The physical infrastructure is one of the vital components that made teaching learning an enriching experience. Maintenance of all Physical, Academic and Sports facilities of the college is very important for ensuring effective teaching learning system. The following procedures established for maintaining and utilizing these services.

1.Laboratories and Computers:

There are in-charges, responsible for maintaining and utilizing the laboratories. There are situations where the syllabi are revised which results in adding some new experiments in various lab subjects and the Lab in-charges shall prepare the list of equipment or software to be procured at least one semester ahead. Some of the laboratories have excess number of lab setups when compared to the requirement and if there is any set up failure the students will not suffer.

Each Laboratory has one Lab Assistant and the No. of sessions that they have to handle per week are limited to 8 – 9 sessions out of 12 sessions available per week. This is helping the Lab Assistants to keep all the lab facilities to be in proper condition. The equipment suppliers give warranty for 1 – 3 years and after expiry of warranty period if any trouble arises either the suppliers or other service providers are requested to attend to the same. It is a practice in the college to thoroughly check with regard to the performance of each of the experimental setups twice in a year during the semester breaks. The college is providing the facility of purchase of enough spares so that the Lab in-charges can change any component which fails by drawing from the stock. Stock registers are maintained for each of the Laboratories so that enough spares are available and stock is verified in regular intervals.

2. Library:

It is fully automated (computerized) for issue/circulation and access of library resources. The library has an archives section. The Library has a committee headed by a Dean and one representative from each department. They meet whenever required and discuss about the new books required for the Library and also to purchase new editions of important books. They also suggest subscription to new journals whenever required. The college has introduced a Book Lending Scheme which is helping the students who have all the text books required in a semester at a very reasonable Book lending fee. Enough provision is made by the college for purchase of new books and also for subscribing to new journals. SC / ST students are given the facility to borrow more No. of books when compared to others.

college has large number of general books which are helpful to students for appearing GATE, GRE, TOEFL exams. The required books and journals are provided for a section of Library established for Civil Services Aspirants Club, the first of its kind in the State of Telangana.

3. Class Rooms:

As stated already every class room is an e-class room and maintenance of equipment such as a desk top, LCD, Audio System etc. in a good condition for which a Computer maintenance section is established in the college. A Security System is also arranged in each class room which is kept in the memory for the next 30 days, so that a review of class room discipline, effectiveness in teaching, etc. are recorded in a couple of cameras. After providing this Security System the exam system also has been strengthened.

4. Maintenance of Sports and Games Facilities:

As stated above the college is providing necessary budget for maintenance of indoor and outdoor games facilities and our college uses for conducting inter college sports and games competitions. The participation fee for the students and also their TA, DA is provided by the college when they are participating in various inter college competitions. Many awards are won by our students in various competitions held at University level, State level and also in All India level.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=5&scatid=553

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

1138

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	**No File Uploaded**
Upload any additional information	View File

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

7

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

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	C. Any 2 of the above

File Description	Documents
Link to Institutional website	https://www.sreenidhi.edu.in/pagecontents.php?catid=6&scatid=119
Details of capability development and schemes	View File
Any additional information	No File Uploaded

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

1763

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression

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

906

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**

5.2.2 - Number of outgoing students progressing to higher education

136

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

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

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

181

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

5.3 - Student Participation and Activities

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

13

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

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

The various student council & representative committees are: Class Review Committee Every Class of the Degree Program shall have a Class Review Committee, consisting of Faculty and Students. Student members of class review committee assist the DAC (Departmental Academic Committee) in the process of academic plan implementation of every subject in a semester. IQAC Student members of IQAC help to propagate quality policies adopted by the institution among the student fraternity and also help in projecting the student view point while taking any quality policy decision. Students' professional societies Most of these societies are maintained completely by students under the guidance of faculty members according to a plan of activity

Library Committee Student members of the library committee will assist in the procurement of text books, journals and other learning materials. Alumni Association Every department attends to the coordination and liaison activity with alumni through the appointed students. Anti-Ragging committee Student members assist the institution in implementing rigid anti-ragging measures so that the institute becomes ragging-free campus. Grievance Redressed Cell The matters of harassment and suppression of any single individual are handled by grievance redressal cell. Student members can help other students to present the grievance in case the sufferers want the representation in absentia. NSS To inculcate awareness of social problems by the students, NSS activities are coordinated with large participation by students every year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

0

File Description	Documents
Report of the event	**No File Uploaded**
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

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

The main objective is to enroll all alumni as members of the association and facilitating active participation of the alumni in appropriate activities, events, and initiatives of the Institute. The SNIST Alumni Association is an official unit of the Institute with the primary objective of facilitating the pleasant and friendly interface to all the SNIST alumni and creating a single semantic web of SNIST fraternity. The SNIST is truly proud of its brilliant alumni who are currently placed all over the world and distinguished themselves in in Engineering and Technology sectors and the public sectors. The main aim of the SNIST Alumni Association is to coordinate the networking of all the alumni and to create a single global SNIST community for the benefit of institute as well as student community. Mentorship: Alumni can play an active role in voluntary programs like mentoring students through their rich experiences in their areas of expertise for the benefit of the students and college. Help the student to understand the current scenarios in the industry, so that they can prepare themselves for securing suitable jobs. Some of the Alumni are also helping by providing internships in their organizations. Placements: The alumni network of a college is one of the biggest sources of placement opportunities. So, the alumni can help students get placed at their respective organizations. Networking Platform: Alumni network by itself is one of the best professional networking platforms available today. College Alumni Day: Alumni meet takes place in the campus on every year Second Saturday in the month of February/March to provide a forum for the Alumni to interact with the Institute to bring together all the old students and the faculty of SNIST to

share their experiences with each other. Online Alumni Survey: This is collected to get information about their study and stay in the Institution. Feedback is collected from the alumni to update the curriculum which are suitable for present needs of industry and technology for the development of the college. Some of the reputed Alumni are also members of BOS. Database: This is to maintain and update the database of all the alumni and to interact with

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.sreenidhialumni.in/

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The institution ensures participation of teachers in governance as per the guidelines issued by UGC for autonomous colleges. Teachers are also absorbed into various committees as per UGC Guidelines viz. Governing Body, Finance Committee, Academic Council, Boards of Studies, that are constituted with luminaries in education, Industry and R & D organisations.

Teachers conduct various activities in accordance with the aim of the institute to offer wholesome education to students so that they become academically strong, physically robust, emotionally stable, socially responsible and spiritually enlightened 5. The institute has been successful in achieving the 12 graduate attributes for UG courses and those notified for post graduate attributes which the NBA has prescribed as essential. While developing the ability to solve complex engineering problems, the institute also helps the students to arrive at optimum solutions taking into consideration the possible damage to environment,

public health and safety. Industry demands graduates with exceptional interpersonal skills, team skills, effective oral and written communication skills etc. The teachers of the institute guide and facilitate the formation of various student clubs and technical associations so that the industry warranted qualities are imbibed in the students. College is offering a stream of open electives on Entrepreneurship which imbibes project management and financial management skills. Lifelong learning habit must be imbibed in students, so that they can keep themselves abreast with the new concepts that emerge in science and technology in their profession life. For this purpose, the college has introduced subjects in which there is need for self-study so that it helps them to become lifelong learners. Code of Conduct for Students and Professional Ethics for various stakeholders such as Governing Body of College, Principal, Teachers, and Support Staff etc have been implemented in accordance with UGC guidelines / regulations and the same is also made available on the website.

File Description	Documents
Upload any additional information	[View File](View%20File)
Paste link for additional Information	https://www.sreenidhi.edu.in/pagecontents.php?catid=2&scatid=503

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

Ever since the college became autonomous in the year 2010, it has followed UGC Guidelines for constitution of various committees such as Governing body, Finance Committee, Academic Council, Boards of Studies etc., for effective functioning. Participative Management is ensured by decentralization with the participation of teachers and administrative staff in discharge of responsibilities of the various decision making committees. Bottom-up approach is practiced to make the decision making process more harmonized and inclusive. A case of budgeting year after year is presented as to how participative management is ensured For every financial year the budgetary requirements are prepared by various departments and sections of the college, at least 3 months in advance of new financial year. The process of developing budget requirements of various departments, sections, administration, library, games and sports, infrastructure,

consumable and non-consumable items is completed at the college level and submitted to the Finance Committee for their consideration and other recommendations are sent to the Governing body of the college for their kind consideration and approval. The procedure for development of budget requirements for the college is explained here under. 1. Teaching departments The departments follow the AICTE norms while estimating and proposing the requirements of additional faculty, staff, building space for class rooms and labs. They also work on budgets for purchase of equipment, software, recurring and non- recurring items including the annual maintenance costs for each of the laboratories and other requirements are considered by college academic committee by the HOD of concerned department about their budgetary requirements. The decisions of the CAC are sent by the Principal for approval of finance committee and Governing body . 2. Library section Each department has one of its faculty members in the library committee. This member submits the requirement of books and journals to the library committee , for its consideration. The final list is forwarded to the Principal for approval of college academic committee and recommendations of each are sent by principal to higher committees. 3. Games and sports The budget proposal including the costs of new equipment to be purchased and its maintenance expenses is prepared by the sports section headed by a professor of the college. Their proposal too goes to the Principal for further approvals. 4. Administration Section The expenses that would be incurred on faculty and staff salaries, activities like organizing seminars, conferences , are projected by the administration department seeking the approval of higher committees through the Principal. All the departments send their proposals to the College Academic Committee (CAC), headed by the Principal. The recommendations of the CAC are further forwarded to the Finance Committee. After its approval, the proposals reach the Governing body for the final approval. Governing Body sends the ultimate approval to the Principal's office. Then the budget sanctioned is released by the Main Office to all departments. Thus, bottom - up approach is used for estimation of budget needed with participation of teachers, non

teaching staff, College academic committee, finance committee and Board of Governors.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

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

Strategic Plan of the college

1. **Introduction:**

Due to the progressive Management and dedicated faculty, the college has been progressing very well right from its inception in 1997. Faculty is the heart of the institution and empowerment of faculty is one of the important initiatives taken up by the college. Curriculum Development based on skills in demand analysis and from inputs received from industry personnel is being carried out on a continuous basis due to which our students are being taught and shaped well to take up the challenges in their professional careers.

1. **Strategic Plan for implementing various activities:**

There is a saying that Failing to Plan is Planning to Fail. In this context, strategic plan extending over 10 years period from 2014-15 to 2024-25 is concretized and which has been giving necessary direction to the college for a planned progress.

The strategic plan is now presented under the following heads:

1. Organization of Faculty Develop Programs by the college for the benefit of our faculty and faculty of other institutions.
2. Deputation of faculty for attending FDPs in other institutions and to those conducted by our own institution.
3. Organization of National Conferences by the college.
4. Deputation of faculty for attending National and International conferences.
5. Deputation for presenting papers at National and

International conferences.

6. Research publications by the faculty in rated journals which are indexed by rating agencies such as Scopus, ScI, Web of Science, Thomas Reuters, etc.
7. Publication of books by our faculty or contributions of Chapters.
8. Filing, publication and granting of patents submitted by the college.
9. Funded R&D projects received by the college.
10. R & D Awards proposed to be given to faculty
11. Organization of Bridge Courses for the benefit of students based on skills in demand in the industry on a regular basis.
12. Consultancy Projects taken up by our faculty.
13. Research publications by students in Scopus indexed journals.
14. No of NSS Volunteers expected to participate in various outreach programs
15. No of NSS outreach programs expected to be organized by NSS
16. Percentage of Ph..D faculty expected to be on the rolls of the institution
17. Percentage of students expected to be placed in the institution

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

Organisation Structure of the Institution and constitution of various Bodies ur Institute has adopted a line and staff organisation structure with an objective of achieving the visionand mission of the institution. Some staff in vital positions who are experts and experienced persons,support the Principal in balanced decision making. Please see the organisation chart in which the lines of authority are clearly defined for achieving theobjectives of the institution. Besides this, the Governing Body, Finance committee, Academic Council andBoards of Studies are constituted as per UGC regulations to

help boost the growth of the institution. The Secretary chairs the Governing body and Finance committee; where as Principal chairs the AcademicCouncil and heads of the departments chair the boards of studies. In all these bodies participation ofteachers of the college is ensured. Governing body is the highest decision-making authority and thecollege must comply with the various responsibilities as approved by them. The Principal is the executive authority of the institution to whom the heads of the various departments, Registrar, Administrative Officer, Training and Placement Officer are directly answerable. College Academic Committee is formed consisting of heads of the departments / sections and a couple of senior teachers from each department, Deans and Directors. This is the highest decision-making body at the college level with Principal as the Chairman. The decisions about College development, Examinations and Evaluation, Library and various infrastructure requirements, budgets, students' welfare, security and discipline and efforts for improving placement initiatives etc. are taken by this committee.

Departmental Committee: The Heads of the departments in turn carry out all the activities related to the departments by constituting a departmental committee, under which there are sub-committees to look into functioning of class work, lab and infrastructure requirements, maintenance, time tables, research and development etc. Other Committees:

In addition to the aforesaid committees, there are some others viz. Discipline committee, Students welfare committee, Library Committee , Games and Sports committee, Grievance Redressal Committee, that are formed for the smooth functioning of the institute. Bottom up approach The chain of decision making follows a bottom up approach which leads in the below mentioned manner. Sub Committees – Departmental Committees – College Academic Committee – Finance Committee – Governing Body. (as mentioned in 6.1.2) The various bodies are thus constituted for effective functioning of the institution. Service Rules: The service rules of the institute, which also contains various procedures can be viewed through our college website. Recruitment: Regarding recruitment, the AICTE guidelines are followed and advertisements are released in popular newspapers inviting applications from qualified candidates. A duly constituted selection committee conducts interviews and comes up with a merit list of candidates for the issue of Appointment orders by the Management.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.sreenidhi.edu.in/pagecontents.php?catid=2&scatid=489
Upload any additional information	**No File Uploaded**
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	**No File Uploaded**

6.3 - Faculty Empowerment Strategies

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

The institution has effective welfare measures for teaching and non-teaching staff as detailed hereunder: A. Welfare measures for teaching staff 1.Employees Provident Fund as per PF rules 2. Mediclain Health insurance 3. Employees state insurance 4. Maternity leave B) Welfare Measures for Non-Teaching members 1) Employees Provident Fund as per PF rules 2. Matrnity leave for women 3. Medi claim-Health Insurance, Employees Staff Insurance-ESI provides socio-economic protection to staff 4. Free health check-up campus 5. Central Dispensary with medical facilities 6. Free uniforms for class IV employees. Detailed information about welfare measures is provided in additional information

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.sreenidhi.edu.in/pagecontents.php?catid=2&scatid=514

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

53

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

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

23

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

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

73

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Authentic procedure is followed for arriving at the budgetary requirements by the department concerned and their scrutiny is done at the college level, finance committee level and also by Governing body which normally avoids any audit objections that may arise. Internal Auditing However, internal auditing is carried out by Mr. Sudhakar and his associates who will help not only in auditing the accounts but also in preparing documents which later on submitted to various authorities such as Income tax authorities, PF authorities and any other organisations where we need to submit our Audit Report. External Auditing Our college requests a recognized firm consisting of qualified Chartered Accountants for doing the external auditing. At present, Shri. Ramanathan and Shri. Rao, Chartered Accountants, are extending their duties as our external auditors. Audit Objections Meticulous procedures are followed by the departments for the purchase of equipments, software etc., by calling for quotations and after preparing a comparative statement. The quotation submitted by the vendors who have satisfied technical specifications only will be considered and the lowest bidder (L1) will be chosen for supply of the equipment or software or any other recurring or non recurring items. Inspite of that, there may be some errors and omit ions which can be detected at various levels and also by our internal auditor. There are no occasions so far, the audit objections aroused.

Care taken by the individual departments / sections for preparing the budget requirements The budgetary requirements for the succeeding financial year are prepared by the respective departments/sections detailing the requirements of each unit. They are finalized after estimating their costs. This may be even for development of new laboratories which are needed from time to time as per revised syllabus. This involves the establishment of new laboratories which need a lot of money for purchasing

necessary equipment, software and other consumable items such as meters etc. In the existing laboratories there will always be some replacements and requirement of consumable items to be purchased and we have to take into consideration additional costs for adding an experiment due to syllabus revision. Thus, every department projects the requirements and shall submit to the college for finalization of budgetary requirements not only for running laboratories but also for spending on salaries, welfare measures etc. The document submitted to the finance committee will be finalized and will be presented to the finance committee for the approval of the budget for the next academic year for their consideration and approval. After consideration and finalization of budget by the finance committee, it shall be submitted to the Governing body for their perusal and approval. As already explained earlier, the ICT - SAP section shall take care of all the requirements for purchase of various equipments, software and hardware and other expenses and the payments also will be made by them with endorsement of finance section.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

3.01

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Mobilization of Funds The major source of revenue for the college is the Annual fee collected from students. The fee is collected

as per the fee & guidelines fixed by the State Fee Regulatory Authority. Mobilization of funds is also done through sponsored projects from DST, DRDO, AICTE, UGC, Industry sponsored projects by the faculty. Faculty can purchase the equipment and also meet the expenditure for travel etc., from the above grants. Funds are also mobilized through consultancy. Strategies for optimal utilization of financial resources: During the budget preparation in the institution all the academic and other section heads are requested to provide the annual budget requirements keeping in view of developing and updating of laboratories, computing facilities, library, teaching-learning process, training, extension activities, software etc. Monthly budget plan is also invited from all the sections for optimal planning of financial resources. Individual budget estimations are collected and Budget is prepared. The same is placed before the Finance committee and the committee in turn will deliberate and make necessary changes for a proper balance of receipts and expenditure. The same will be submitted to Governing Council for approval. The Governing council further approves the budget. Budget approvals will be communicated to the departments and sections. The Institution keeps track of the budget. In any unforeseen circumstances, non-budgeted amount is considered and allotted depending on the merit of the case. The budget utilization for the last five years is given as attachment.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	[Nil]()

6.5 - Internal Quality Assurance System

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

About IQAC SNIST has established IQAC in the year 2013 to ensure quality in academic and administrative activities, such as effectiveness in teaching, learning, evaluation and also encouraging the talent and merit in the faculty, teachnical staff and students. IQAC Initiatives Practice - 1 Students Feedback on Effectiveness in teaching by Faculty and Empowerment of teachers forQuality Assurance The competency of various teachers while

teaching that particular subject is not the same depending upon their background and experience. Similarly, certain skills that are required for effective teaching may not be the same when they are being recruited by the institution. Students feedback is one of the important initiative taken by the IQAC with regard to effectiveness of the teacher in presenting the lecture in a methodical manner so that the students can understand and assimilate the content taught. The various aspects on which the students give their feedback are : 1.Knowledge base of the teacher as perceived by the student 2.Communications skills, clarity in teaching and emphasis on concepts 3.Sincerity/Commitment to teaching / Regularity in taking classes 4.Uniformity in the coverage of syllabus 5.Effectiveness in controlling the class / Maintenance of discipline The students rate in all the five parameters Excellent (4), Good (3),Satisfactory (2) and Not Satisfactory (1) Feedbacks are taken three times in a semester i.e at the end of four weeks, at the end of eight weeks and in the fifteenth week. Analysis of feedback and initiatives for improvement of Faculty Suitable counselling is carried out and in extreme cases, the faculty is given opportunities to improve their teaching by deputing them to undergo Faculty development programs in effective teaching and refresher courses. Best Practice - 2 Skills in Demand Analysis – Curriculum Development IQAC taken this initiative in order to include in the curriculum certain skill requirements in engineering graduates in the changing scenario of the industry and shared with the departments to carry out skills in demand analysis at least once in a semester. Teams of faculty are formed to study the skills for which advertisements are released in national level news papers and also in job portals. The priority of skills required in the industry is arrived at based on number of times advertisements are released for a particular skill. More the number of advertisements higher is the priority for considering whether that particular skill is already covered in the curriculum or not covered. If it is already covered in the curriculum the departments are advised to teach the skill required more at depth. In the event that skill is not covered in the curriculum the departments are requested to revisit the curriculum and include the same by requesting the Board of Studies in this regard. If this is not possible to change the curriculum during the year , a bridge course may be organized so that the present batch of students will not be at a disadvantage.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	[Nil](Nil)

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

The two major academic reforms which have contributed to significant improvement in the Teachinglearning process of the institute are presented hereunder: (1) Introduction of Outcome Based Education (OBE) The college has introduced OBE to reform the teaching, learning and evaluation processes. In OBE, the instruction and evaluation are based on certain outcomes which are required to be achieved by the students by the time they graduate a course. The NBA has prescribed that 12 graduate attributes are to be attained by the time the students complete their graduation. Each course has 5/6 units and after the instruction of each, an outcome i.e. a certain capability is to be achieved by the students i.e course outcomes (COs). Hence, there are 5/6 COs for each subject and an analysis is made as to whether program outcomes of a course (POs) (a - k) are addressed by the COs or attainments are satisfactory. Mapping is done by considering all COs of various courses offered by a particular program shall address all the POs. Some of the POs may be addressed by many COs of various courses while some POs may be addressed by only a couple of COs. Similarly the program outcomes must address PEOs which signify the educational objectives for which the program concerned is offered. Thus, the mapping of POs to PEOs is carried out to see as to whether all PEOs are addressed by the 12 POs. At the next stage, it is ensured that the mission statements of a particular program are addressed by PEOs. Direct assessment (80%) and indirect assessment (20%) tools are employed to evaluate the overall attainment of POs. The attainment of POs is calculated based on the extent to which each CO is attained by the student of a particular program based on the performance in the tests, assignments, placements and admission to higher studies etc.(80%) and also by the opinion of the employers' on the achievement level of the student (20%). The Essence of OBE When compared to conventional evaluation, OBE evaluates the performance of students based on the attainment of predefined outcomes for ensuring the graduate to be capable of carrying out the various tasks assigned to him/her in the industry. The course-end survey, exit survey, alumni survey,

parent's feedback and employer feedback will guide the institution/department in the revision of syllabi, teaching methodology and assessment process. This helps to prepare a student as per the contemporary requirements in the industry. In SNIST, four UG programs namely Mechanical Engineering, CSE, ECM and Biotechnology were successfully accredited by NBA in 2015 under OBE. Subsequently, EEE and ME departments were also re-accredited. The implementation of OBE has resulted in the successful attainment of predetermined outcomes (>75% against a set goal of 70%) in all programs. The concept of Blooms' Taxonomy is also kept in mind by the teachers in the instruction and evaluation. Second practice Promotion of lifelong learning experiences and encouragement for conduct of research and innovations leading to publication of papers and submission for registering for patents In the formulation of our curriculum, efforts are made by faculty and pioneers in technical education and industry to imbibe the qualities of life-long learning and inquisitiveness in conduct of research and innovation. In general, industry experts who are involved in campus placements are expressing unhappiness with the written and oral communications of some UG students. Introduction of Technical Seminar in our curriculum With the introduction of technical seminars, the students are made to browse internet for various technical developments and efforts that are being made for improving the same.The seminars are made through power point presentation to improve their. Thus, communication skills by the time they go to final year. In this process, the student will become lifelong learners and this attribute will help them not only during their studies but also in their professional careers.The fresh graduates will have to learn on their own any new skills that come in the IT sectors wherein the degree of obsolescence is very high. Encouragement to students for publishing technical papers and submission of applications forpatents This initiative of the Boards of Studies and Academic Council made the students to learn on their own such as Group Projects, Internships, Industry oriented mini projects, and final year projects in two phases i.e. in IV year I and II semesters. The students in their process of thinking beyond the text book knowledge is helping them to innovate and because of the encouragements given by the faculty and the management they are able to conceive new ideas and fabricate them which has resulted in new process or a design or a product which is found to be fit for submitting the same to Indian Patents Office for awarding a patent to the student or the student and his guide concerned. The students work under the guidance of faculty in literature survey on a particular topic, the methodology of conducting research in

that area and thus they will get some new ideas which can lead to conduct of R &

D activity which results in publication of papers not only in conferences but also in indexed journals. The number of papers published by students during the last five years is about 750. Any financial assistance and physical facility required for conduct of research or for developing patents by a student or a group of students is provided by the college Management. This experience will help the students to conduct investigations in the frontier areas of knowledge. Introduction of certain courses which will improve the employability of students Based on a study made about the recruitment process in the present day industry a number of new subjects are integrated in our curriculum i.e logical reasoning, quantitative aptitude, language skills and soft skills to make the students proficient to get selected in the campus placement process.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.sreenidhi.edu.in/pagecontents.php?catid=11&scatid=312
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	No File Uploaded
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

1.Safety and Security of Girl Students The college explicitly and exhaustively follows safety norms in all aspects. The college has a strong security wing consisting of 80 personnel to safe guard the campus in all aspects. The entire campus is covered under enough lighting arrangements. Safety and Security for lady faculty and girl students and others is ensured by these personnel. Responsible faculty members are monitoring the campus and the corridors of all the buildings, classrooms and laboratories. Timely medical assistance for girl students and lady faculty is provided by a full time Doctor on campus. Transport facilities are promptly provided in case of emergency. First aid boxes are provided in all buses and laboratories. Grievance Cell is established, and investigations are carried out based on complaints received from Lady Faculty and girl students. Necessary action is taken. Complaints of any harassment are dealt

with preserving anonymity of the complainant. Every classroom, corridor and different important points in the entire campus are equipped with CC Cameras. The recorded information is preserved for a couple of months so that the information can be of use to the enquiry committee constituted by the college in case any complaint. 2.Counselling of Girl Students Twenty girl students are allotted to one lady faculty member who is teaching the concerned section for counselling and mentoring. Counselling note books are made available to the Counsellors, one for every student, so that the details of counselling activity carried out by the faculty for each student is recorded. This book will be

given to the new set of lady teachers who are teaching the section in the next semester. After completion of the next semester it will be passed on to the next and so on so that the counselling activity carried out by the faculty is available in one book itself for the entire period of study. The aspects which are taken care are monitoring of the attendance, academic performance in each subject as it progresses and whether there are any backlogs. The matter which concerns the academic progress of the student are discussed with the student for improvement and Parents are requested to come to college to meet the concerned Counsellor. The achievements of the students in academics, extracurricular and co-curricular activities, are recorded in the counselling note book which will be helpful for the teachers concerned while writing the recommendation letters. 3. Common Room for Girls Boys and Girls are provided separate common halls as per AICTE norms. A Common hall for lady teachers is also made available

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.sreenidhi.edu.in/pagecontents.php?catid=2&scatid=320

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	B. Any 3 of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	No File Uploaded

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

1) Degradable waste:Solid Waste Management

- Transport arrangements are made for solid waste which is

collected and sent to Jawahar NagarSolid Waste Setup every day for their use to produce Electrical Energy from the waste.

- Some Dry leaves collected from the gardens and other palces of the campus are being burnt in a specially designed furnace for the purpose
- There is a common room for the lady faculty along with a girls' room in every block of the college.These rooms are equipped with an artificial incinerator for disposing sanitary napkins.

2) Degradable waste: Liquid waste management

- Drinking Water facility is arranged in every block through the water treatment plant installed in the
- campus. As there is maintenance problem with the RO plant, arrangements are made to buy treatedwater from Water Treatment companies nearby.

- Waste Water is drained through piping system to the STP and the treated waste water is used forwatering the plants and the Green cover in the campus.
- Wastage of drinking water is restricted through proper monitoring.
- water is properly used to maintain the greenery in the campus as well as to provide ecologicallyaesthetic environment
- Proper drainage system is arranged for all the buildings of the campus

3)Non-degradable waste:E-waste management

- The E – waste (like condemned batteries and damaged computers) of various laboratories andcomputer centres are disposed through outside agencies.
- The low configured computers are donated to nearby schools
- Other E-waste materials are properly disposed as per the usual practices.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geotagged photographs of the facilities	<u>View File</u>
Any other relevant information	**No File Uploaded**

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	<u>View File</u>
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	<u>View File</u>
Various policy documents / decisions circulated for implementation	<u>View File</u>
Any other relevant documents	**No File Uploaded**

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	View File

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

Sreenidhi Institute of Science and Technology adopts the philosophy to foster an understanding that the whole world is one family. This philosophy is derived from a verse in the Upanishad texts which reads as "VASUDAIKA KUTUMBAM" meaning "the world is one family". SNIST being situated in a semi-urban location, the college draws students from various parts of the state. Thus, We respect every Culture, regional feelings, Language, Community and all other socio-economic conditions of the community. Faculty and Staff always take personal interest of the students and maintain a harmonious-relation with the student.

Traditional day is celebrated by the students to showcase the culture and heritage of the country. Faculty and staff also actively participate in this annual event.

Rangoli - a culture event of Telugu society is celebrated in the campus by the Arts Club every year. The girl students display variety of artistic design in this event.

Cultural Day is celebrated by the Students initiated by the Arts Clubwhere students are given opportunity to showcase their skills viz., Dancing, Singing, Mimicry, Mime

Bathukamma is floral festival celebrated predominantly by the Telangana. In Telugu, 'Bathukamma' means 'Mother Goddess come Alive' and Goddess Maha Gauri-'Life Giver' is worshipped in the form of Bathukamma. This is being celebrated by the Womens Development Cell.

Sankranthi - the harvest festival of Telangana is also celebrated

in the institution

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded

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

The College in its revised regulations and Curriculum introduced as Open elective, the course titled "Constitution of India" an initiative to impart the basic concepts pertaining to Indian constitution. It is made mandatory to all the branches of engineering at second year level. This course is taught by the respective department faculty. In this connection a Faculty development program is conducted to all the faculty members by eminent personalities. This attempt not only helped in sensitization of students but also faculty members. The major topics covered under this course include

Meaning of the constitution law and constitutionalism Historical perspective of the Constitution of India Salient features and characteristics of the Constitution of India Scheme of the fundamental rights The scheme of the Fundamental Duties and its legal status The Directive Principles of State Policy – Its importance and implementation Federal structure and distribution of legislative and financial powers between the Union and the States Parliamentary Form of Government in India – The constitution powers and status of the President of India Amendment of the Constitutional Powers and Procedure The historical perspectives of the constitutional amendments in India Emergency Provisions: National Emergency, President Rule, Financial Emergency Local Self Government – Constitutional Scheme in India Scheme of the Fundamental Right to Equality Scheme of the Fundamental Right to certain Freedom under Article 19 Scope of the Right to Life and Personal Liberty under Article 21

The major outcomes of the course are:

Awareness about constitutional obligations

Understand the social, political and economic perspectives of the Indian Society

Understand the Parliamentary Form of Government in India

To be a responsible citizen of the country

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	**No File Uploaded**

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	**C. Any 2 of the above**

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

Organising National Festivals Institution organises every year National festivals like Independence Day on 15th August and also Republic Day on 26th January. The faculty members, staff and students assemble every year in large numbers for the national

celebrations conducted on campus Flag hoisting ceremony is conducted. A number of senior teachers take part in paying homage to our departed leaders such as the father of the nation Mahatma Gandhi Ji, first prime minister of India Pandit Jawaharlal Nehru and many other freedom fighters. The assembly is addressed by the Executive Director, Principal, Deans / Directors, Teachers, Non teaching staff and students, paying tributes to the great leaders who have sacrificed their lives for achieving freedom of our country. The phenomenal achievements during the years of Independence are detailed in the speeches, thus arousing patriotic spirit in everyone. National Anthem and National Song are recited in the meetings. The NCC cadets of the college stage a March on these days. Their parade and the soulful renderings by the choir brightens the occasion. Birth / Death Anniversaries of Great Indian Personalities 1.Gandhi Jayanthi: Oct 2 2.Babu Jagjivan Ram's Birthday 3.Martyr's Day (Jan 30) – The students and faculty pray for two minutes remembering Gandhiji and prays for his soul to rest in peace. 4.National Youth Day (Jan 12) – Swami Vivekananda's Birth Anniversary 5.National Science day (Feb 28)– Commemorating the discovery of Raman Effect 6.National Engineer's day(Sep 15) : Celebrated as tribute to the greatest Indian engineer and Bharat Ratna, Sir Moksha Gundam Vishweshvaraya All the above national days of importance are commemorated in the college by involving the students in various literary, cultural and science activities. State Festival The state festival, Bathukamma, is also celebrated on campus. The students, faculty and staff get dressed for the occasion and play Bathukamma, thus promoting the state festival. Ours being a secular country, the government declares General holidays for festivals of various religions. So that the faculty, staff and students who belong to different religions will have time to conduct all the rituals and practices, commemorating the significance of the festivals concerned. This helps in planting the seeds of secularism in everyone's mind

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice – 1 1. Title of the best practice Developing scientific temper among faculty and students by encouraging conduct of research by various initiatives. 2. Objective i. Today effective teaching as well as research is important for the student to respond to the challenges in global scenario. ii. It is necessary that the teaching must be application oriented and thereby expertise in research is to be achieved to make the teaching interesting and useful to the students. iii. Knowledge in emerging technologies for solving problems that arise in the changing industrial scenario i.e onset of 4.0. iv. Fostering interdisciplinary research with collaboration of different branches of engineering and science faculty. v. Publication of papers and participation in various competitions which enable the students to hone their ideas and innovations.

Best practice – 2 1. Title of the practice Initiatives taken by the Institution for student Development in all aspects including shaping as Entrepreneurs 2. Objectives of the practice : The college aims to produce intellectually strong, emotionally stable, socially responsible and spiritually enlightened graduates to ensure wholesome education for balanced development of the student. The college owns responsibility of making the student employable. a. To Design a curriculum to meet with faster technological developments which promotes student centric learning and also to enhance their employability. b. To ensure effective teaching learning process. c. To make the students work in groups to improve their emotional quotient. d. To inculcate ethical values and societal awareness through various student clubs. e. To arrange lectures on spiritual values.

File Description	Documents
Best practices in the Institutional website	https://www.sreenidhi.edu.in/pagecontents.php?catid=11&scatid=554
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

Igniting the Spirit of Innovation and Entrepreneurship

Vision, Priority, and Thrust of the Institution

Our college is driven by the Vision that it should focus on producing professionally competent and socially sensitive engineers. The institute encourages the students and faculty to be creative thinkers, to be innovative, and for registering patents. They are further encouraged to create new products which need conceptual clarity, innovation, and realization of new products.

Right from 2006, the college has been conducting events that celebrate innovative ideas and solutions which attracted the attention of various engineering colleges in the country and they deputed their students to participate in this event year after year. Thus, the college has been making pioneering efforts for the cause of igniting the spirit of innovation in engineering students.

Innovation and Entrepreneurship Initiatives

- Establishment of Sreenidhi Hub and facilities provided
- SNIST – MoE's Institute Innovation Council – Recognized with Highest Rating - Five Star Rating
- SNIST – Sreenidhi Hub Recognized by The Ministry of MSME as the Host Institute to promote and Support Business Incubation.
- SNIST as J- Lab under J-HUB, JNTUH – Promoting Innovation at Regional Level.
- Strategic Alliances Forged for promoting Innovation and Entrepreneurship.
- Associated with (Telangana Academy of Skills and Knowledge (TASK) and Indian School of Business (ISB).
- Entrepreneurship Elective Courses from Wadhwani Foundation USA to Students.
- Mentoring and Training program in association with The Indus Entrepreneurs(TiE Group), Telangana Hub (Thub), and Central Institute of Tool Design (CITD)

File Description	Documents
Appropriate link in the institutional website	https://www.sreenidhi.edu.in/pagecontents.php?catid=2&scatid=515
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

1. **To offer more Values added courses to students to imporve their technical knowledge.**
2. **Developing formal linkages with other universities and colleges through MoUs for improving knowledge transfer and sharing facilities.**
3. **To encourage and facilitate Research Culture, to promote Research by students and Faculty, and Consultancy by Faculty.**
4. **To increase Ph. D enrollment among Faculty.**
5. **Efforts for financial support from various govt. and non-govt. funding agencies for the betterment of academic, Research, and physical facilities in the institution.**
6. **Enhance Labs' infrastructure by procuring the latest equipment for conducting experiments.**
7. **To improveAlumni and Industry interaction with students.**