YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY
• Name of the Head of the institution	Dr. G. Suresh
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9347363999
• Alternate phone No.	9347054999
• Mobile No. (Principal)	9347363999
• Registered e-mail ID (Principal)	induprincipal@gmail.com
• Address	Sheriguda Village, Ibrahimpatnam Mandal, Ranga Reddy Dist.
• City/Town	Hyderabad
• State/UT	Telangana
• Pin Code	501510
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	19/06/2014
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr. N.C. Sendhil Kumar**
• Phone No.	**04024020175**
• Mobile No:	**9443968958**
• IQAC e-mail ID	**sendhilkumarsriindu@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://sriindu.ac.in/iqac/
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://sriindu.ac.in/wp-content/uploads/2022/08/ACADEMIC-CALENDERS-FOR-THE-ACADEMIC-YEAR-2021-22.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B++**	**2.81**	**05 Years**	**02/11/2018**	**02/11/2023**

6.Date of Establishment of IQAC	**05/08/2016**

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

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	
9.No. of IQAC meetings held during the year	**5**	

• 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)

The Department CSE of has got Recognized as approved Research Centre under JNTUH

Our institution has got Recognized SICET Incubation centre under HI/BI scheme approved by MSME-DI

Conducted SERB sponsored Two day National Level Technical Symposium - INDUiwai'22. For upskilling the students & faculty qualities more than 145 activities were conducted.

NBA Accredited by CSE & ECE for three years.

Participated in ARIIA ranking scheme and got recognized as "PROMISING BANK" and also participated in NIRF

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
Initiative need to be taken for increase in intake for emerging courses	Got Approval from AICTE & JNTUH for increasing seats in CSE(AIML)-120, CSE(DS)-120, CSE (CS)-90 and AI & DS-120.
To Conduct TechnoStav'22 and annual day for increasing the student's involvements.	Conducted with good number of participations
To conduct CRT Classes for all Third year and final year students	Company specific trainings and CRT classes were conducted for 15 days to ensure the readiness of the students for placement scope.
To conduct academic audit process and to strengthen the academic T-L Process	Audit process was initiated for ensuring effective teaching-learning process and qualitative measures. In a semester 2 audits were conducted.
To cultivate strong research activities and to conduct corporate level Faculty training Program	R&D Cell is strengthened and also conducted FDP on Effective Research Paper Writing, Drafting Project Proposals and Identifying Trust Areas etc.,
More project proposals are to be submitted for various funding agencies	21 Project proposals were submitting to various funding agencies and 9 for extension activities.
More technical events are to be conducted for students skill enhancements by the departments	As part of students' skill enhancement schemes, the departments were collaborated with various agencies and conducted 169 technical events, awareness programs, career guidance and skill development courses.
Students Support Survey need to analyzed	Completed survey with strong key aspect
Placement activities required to be reviewed	Totally 73 companies were visited and 886 students got placed, 1168 offers issued.

To review the NBA renewal process	NBA Accredited by CSE & ECE for three years.
To prepare AQAR for assessment	Collected necessary details for upload
Strategies for getting rank in NIRF, ARIIA and IIC star rating system.	Participated in ARIIA ranking scheme and got recognized as "PROMISING BANK" and also participated in NIRF. In IIC we rated as 4-star category.
To apply for R & D Centre Recognition under JNTUH	The Department of CSE has got Recognized as approved Research Centre under JNTUH
To participate in Hackathon 1.0 conducts by MSME-DI under HI/BI Scheme.	Our institution has got Recognized SICET Incubation centre under HI/BI scheme approved by MSME-DI. And also submitted 12 Ideas for Funding.
To conduct national/ international level symposium and conference	Conducted SERB sponsored Two Day National Level Technical Symposium - INDUiwai'22. For upskilling the students & faculty qualities more than 169 activities were conducted.

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
IQAC	10/05/2023

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2021-22	12/01/2023

15.Multidisciplinary / interdisciplinary

In Today's technological world of globalization, skills play more important role in real-life than mere knowledge. Multidisciplinary and Holistic Approach in the institution aims to develop following skills and overall personality building among students.

Critical ability: With multiple discipline knowledge, a student will become able to think beyond the horizon of single discipline and can think about the logical connections between different ideas.

Self-governance: With the choice of their own subjects, students will become able to set their priorities and knowledge landscape for a disciplined learning.

Problem Solving: Quick and Effective solution to a problem, is the skill that the employers searching in the current time. The knowledge of different subjects in multidisciplinary approach will develop the logical and analysis skills in students to handle difficult situations.

 Communication: Knowledge is the confidence and an effective communication is the result of wide knowledge. With multidisciplinary and holistic learning students will be able to share ideas, express their feelings and contribute to national progress.

Our institution offers flexible and innovative curricula that includes credit-based courses and projects in the areas of community engagement and service, environmental education, and value-based towards the attainment of a holistic and multidisciplinary and interdisciplinary education. Incubation center and innovate clubs were set up in the Institution level to enhance the interdisciplinary research culture and more efforts will be put for bridging industry-academic gaps for innovation and technology advancements.

The detailed curriculum course structure provides scope for constitution of india, gender sensitization, Intellectual property rights, open elective subjects which includes inter-disciplinary subjects in the field of outside the parent discipline/branch of engineering and also industry training/ internship/ industry

oriented mini-projects/skill development courses etc.

16.Academic bank of credits (ABC):

Academic Bank of Credits (ABC) is an effective virtual/digital storehouse that contains the complete details of the credits earned by individual students throughout their learning journey. It will enable students to open their accounts and give multiple options for entering and leaving colleges. There will be "multiple exits" & "multiple entries" points during the higher education tenure & credits will be transferred through the ABC seamlessly.

ABC can be considered as an authentic reference to check the credit record of any student at any given point in time. Thus, the concept of ABC is fuel to boost the efficiency of faculty and help students hold a multi-disciplinary educational approach. The idea is to make students "skillful professionals" and help their overall growth.

Functions of Academic Bank of Credit (ABC)

The Academic Bank will be accountable for opening, closing, and validating the academic accounts of students.

It will carry out tasks such as credit accumulation, credit verification, credit transfer/redemption of students.

The courses include online and distance mode courses offered by the government and institutes.

The validity of these academic credits earned by students will be up to seven years and students can redeem these credits.

The credits can be redeemed and students can seek admission directly in the second year at any university.

The validity will be up to seven years, hence, students will have to rejoin within seven years.

Importance of Academic Bank of Credit (ABC)

Increases the student's freedom in choosing their courses and academics.

Enables the student to drop out in any year and then exchange the

credits earned so far with a certificate/diploma if they are eligible.

They can redeem the credits and rejoin the same or any other institute in the future and continue their education.

Types of Courses

Online & offline – both types of courses are included in the scheme. Some of the important ones include National Schemes such as–

NPTEL

SWAYAM

V-LAB

Spoken Tutorial

Thus, the ABC will cover almost all types of courses including distance learning courses to help students of every possible stream.

Impact of ABC

The inter-disciplinary & multi disciplinary approach is the need of the hour. With the Academic Credit Bank, HEIs will be able to help students learn subjects of their choice and become "skill-oriented" graduates.

Creating a student-centric learning ecosystem

Innovative techniques of teaching

Implement best practices for choice-based learning

Develop skills along with academic merit

Prepare students to be future-ready

Credit Transfer System of MOOC Against Open Elective And Professional Electives

The credit transfers of MOOC (Offered by SWAYAM/NPTEL / COURSERA etc.,) against Open Elective (3-I, 3-II) and Professional Elective (4-I, 4-II). These rules shall be applicable from Academic Year 2020-2021.

1. The student shall be required to submit an Application form/UNDERTAKING for final approval for credit transfer of MOOC against open elective along with the photocopy of MOOC completion certificate to chairperson through HOD before the allotment of open elective (3-I, 3-II) and professional electives (4-I, 4-II) to the UG/PG students.

2. Only those registered MOOC courses are allowed for Credit Transfer which have credits more than or equal to the credits assigned to Open Elective course or the MOOC course should be of minimum 4/8/12 weeks duration. The student can also choose to register and complete more than one MOOC of same or different subject areas. However, the total number of weeks of all such individual courses should be more than or equal to 4/8/12 and should either belong to SWAYAM-NPTEL OR otherwise COURSERA. However, the candidates have to submit MOOC certificate/certificates to acquire the total number of credits offered against the elective subject.

Credit Equivalence		
S. No.	Course Duration	Credit Equivalence for Transfer of Credits
UG / PG		
1	4 Weeks	1 Credit
2	8 Weeks	2 Credits
3	12 Weeks	3 Credits

3. While transferring the credit from MOOC against open elective or professional elective, the student can opt following combinations of MOOC with the approval of coordinator and head of the department.

I) for 3 credits: a)   12 Weeks (1)

(or)

                                b)   8 Weeks (1) + 4 Weeks (1)   (or)

                                c)   4 Weeks (1) + 4 Weeks (1) + 4 Weeks (1)

II) for 2 Credits: b)   8 Weeks (1) (or)

                                c)   4 Weeks (1) + 4 Weeks (1)

4. Credit transfer shall not be allowed, if the contents and topic of the MOOC which is identical (20% overlapping is permissible) to any of the courses including Open Elective courses offered by any department for UG/PG students. It is the responsibility of the HOD to verify and recommend the courses requested by students is satisfying criteria 2.

5. Scores of the MOOC courses completed by the students on permitted platforms satisfying all above conditions are valid till 2 years. Only such MOOC courses/Scores will be considered for credit transfer.

6. If the MOOC course in which the student is interested does not fall in the parent discipline of the student and belongs to other Engineering disciplines existing at Basic Sciences/Humanities/Management, the Departmental coordinator will seek opinion of concerned HoD to verify the matching of content of MOOC with that of Open Elective courses/Professional Elective courses offered.

7. If the above mentioned conditions are fulfilled, the Departmental Interdisciplinary coordinator will recommend the case to coordinator, Interdisciplinary Courses for final approval and accordingly notify to the students. After getting approval from HoD, the student may register for the MOOC course he/she can be allowed for and complete the same as per the requirements for credit transfer.

8. The coordinator, Interdisciplinary Courses, will consolidate the lists from all departments and submit the same for final approval. Chairperson will submit the list to Principal / Chairman. the final list will be forwarded to the Controller of Examination for further action.

9. The department/institution is not responsible for the registration of online MOOC. The candidates have to pay for registration of such courses.

10. Alternatively for online MOOC courses, the candidates have a choice to opt a subject from open/professional electives. The credit grade point mapping framework could be awarded based on the score as per the table 1.

Table 1   Grade point Mapping

Range of Score	Grade point	Grade

?90	10	O	
80 to 89	9	A+	
70 to 79	8	A	
60 to 69	7	B+	
50 to 59	6	B	
40 to 49	5	C	
0 to39	0	F	

Outcomes:

Branch wise Staff and Students received MOOC certificates

SWAYAM NPTEL COURSES

S.No	BRANCH	STAFF	STUDENTS	TOTAL
1	ECE	17	2	18
2	AI&ML		9	9
3	CYBER SECURITY	1	3	4
4	IOT		2	2
5	CSE		1	1
6	ME	3		3
7	CIVIL		1	1
8	H & S	4		4
	TOTAL	24	18	42

COURSERA COURSES

S.No	Branch	STAFF	STUDENTS	TOTAL
1	ECE	297	458	755
2	CSE	68	490	558
3	IT	8	115	123
4	EEE	19	191	210
5	MECH	4	203	207
6	CIVIL		178	178
7	1ST YEAR (HS)	65	536	601
	TOTAL	461	2171	2632

SWAYAM NPTEL COURSES

S.No	Course Name	Name	Role	College Roll no	Final Score	Certificate Type
	ECE					
1	Computer Networks and Internet Protocol	PRATHYUSHA V	faculty		81	Silver
2	Introduction To Internet Of Things	P RAMESH	faculty		66	Elite
3	Cloud Computing	P Epsiba	faculty		80	Silver
4	Python for Data Science	P Epsiba	faculty		69	Elite
5	Computer Networks and Internet Protocol	Swathi Singanaboina	faculty		75	Silver
6	Computer Networks and Internet Protocol	SANDHYA BOLLA	faculty		69	Elite
7	Introduction To Internet Of Things	D SANDHYA RANI	faculty		55	Successfully completed
8	Computer Networks and Internet Protocol	K SRAVANI	faculty		64	Elite
9	Computer Networks and Internet Protocol	POLAGONI SRINIVAS	faculty		65	Elite
10						
11	Introduction To Internet Of Things	SWETHA P	faculty		57	Successfully completed
12	Computer Networks and Internet Protocol	PASULA MAMATHA	faculty		68	Elite
13	Computer Networks and Internet Protocol	UDAYASRI PABBU	faculty		52	Successfully completed

14	Computer Architecture	ARUKONDA VENU	faculty		55	Successfully completed
15	Introduction To Industry 4.0 And Industrial Internet Of Things	SWETHA P	faculty		54	Successfully completed
16	Computer Networks and Internet Protocol	KANUGU RAM MOHAN RAO	faculty		55	Successfully completed
17	Computer Architecture	Prashant Pise	faculty		65	Elite
18	Problem Solving Through Programming In C	GUJJETI SHRAVANI	student	19D41A0460	56	Successfully completed
19	Introduction To Internet Of Things	IDIKUDA MANI RAJ	student	20D41A0476	60	Elite

CYBERSECURITY

1	The Joy of Computing using Python	K SHWETHA	faculty		64	Elite
2	The Joy of Computing using Python	K Laxmi Narasimha Reddy	student	20D41A6230	73	Elite
3	The Joy of Computing using Python	VALLAKONDA HYNDAVI	student	20D41A6254	71	Elite
4	Ethical Hacking	Runku Madhava Rao	student	21D45A6204	53	Successfully completed

CSE AI&ML

1	The Joy of Computing using Python	DEVULAPALLY NEERAJA	student	20D41A6613	82	Elite+Silver
2	The Joy of Computing using Python	BEEREDDY NIKHILA	student	20D41A6607	82	Elite+Silver
3	The Joy of Computing	UDIGIRI RISHIKA	student	20D41A6659	75	Elite+Silver

S. No	Course Name	Name	Role	College Roll no	Final Score	Certificate Type
	using Python					
4	The Joy of Computing using Python	Akshay Kumar Kona	student	20D41A6601	79	Elite+Silver
5	The Joy of Computing using Python	BEMAGONI BHARGAVI	student	20D41A6608	85	Elite+Silver
6	The Joy of Computing using Python	DIVYA BETHI	student	20D41A6609	75	Elite+Silver
7	Python for Data Science	DIVYA BETHI	student	20D41A6609	75	Elite+Silver
8	The Joy of Computing using Python	SONAGANTI HARSHITHA	student	20D41A6654	68	Elite
9	The Joy of Computing using Python	GAJJI CHAKRAPANI	student	20D41A6620	86	Elite+Silver

S. No	Course Name	Name	Role	College Roll no	Final Score	Certificate Type
	CSE IOT					
1	The Joy of Computing using Python	SAYAMONI SAI KIRAN	student	20D41A6954	71	Elite
2	The Joy of Computing using Python	baikani vamshi	student	20D41A6903	69	Elite
	CSE					
1	Programming In Java	N Jeevita	student	20D41A05E3	73	Elite
	MECHANICAL					
1	Engineering/Architectural Graphics - part I - Orthographic projection	LAKKOJU RAVI	faculty		69	Elite
2	Engineering/Architectural Graphics -	KOLLAPURAM VIJAYA KUMAR	faculty		61	Elite

	part I - Orthographic projection					
3	Engineering/Architectural Graphics Ã¢Â€Â" part II Ã¢Â€Â" Isometric and Axonometric Drawings	KOLLAPURAM VIJAYA KUMAR	faculty		79	Elite+Silver
	CIVIL					
1	Safety in Construction	Manikanta Bachu	Student	19D41A0108	67	Elite
	H&S					
1	Soft Skill Development	K S RANADHEER KUMAR	faculty		53	Successfully completed
2	Soft Skill Development	S R GOLSMAIR SHALINE	faculty		57	Successfully completed
3	Soft Skill Development	Kothagattu Sai kumar	faculty		51	Successfully completed
4	Soft Skill Development	NIMMAGADDA SHARMILEE	faculty		61	Elite

17.Skill development:

Skill Development is the process of identification of the skills gap in onboard students and providing skilling training & employment benefits to them. Skill development programs aim to acknowledge the ability of the students and extend their support by serving them with the proper guidance, infrastructure, opportunities, and encouragement that help them achieve their career ambitions. Education and skills are essential for everyone, and they both walk hand in hand in everyone's career journey. Therefore, SICET is continuously making efforts to provide skill development to the students from first year onwards with our skilling partners.

The benefits of Skill Development include increased employability skills, improved performance, improved accuracy & quality, improved

communication, complies with rules & regulations, improved recruitment & career opportunities, and development.

Our Skilling partners are:

S. No	Professional Bodies/ Academics/MoU with Industries	Recognition Status
1	TASK	Active
2	Edify Educational Services Pvt. Ltd	Active
3	IMARTICUS Learning Pvt Ltd	Active
4	Surya Tech Solutions	Active
5	Global Vision Consultancy	Active
6	Kodnest Technology	Active
7	Netalla Innovations Private Limited	Active
8	BYTE XL India Private Limited	Active
9	Yash Technologies Private Limited	Active
10	Coding Ninjas	Active
11	Talent Serve India Private Limited	Active
12	Verzeo	Active
13	SAP India Pvt Ltd	Active
14	Eleation	Active
15	VDL Auto Products	Active
16	JERS Industries	Active
17	Amazee Global Venture Inc.	Active
18	MANAC	Active
19	TLC Group	Active

Through our MOU partners we train the students on various platforms, modern tools, emerging technologies and industry specific skillsets.

Also, we are making the students and faculty to enroll in AICTE upskilling schemes like.,

- Kaushal Augmentation and Restructuring Mission of AICTE (KARMA)
- AICTE - Youth Undertaking Visit for Acquiring Knowledge (YUVAK)
- Smart India Hackathon
- AICTE Internships in India
- AICTE Training and Learning (ATAL) Academy
- AICTE Students Learning Assessment PARAKH
- AICTE-National Education Alliance for Technology (NEAT)
- AICTE-SWAYAM-NOC

During the academic year 2021-22 the college has taken an initiative

on conducting various skill enhancement programmes are:

1. Resume Building

2. Communication skills

3. Personality development Courses

4. CRT Programme

5. Advance JAVA

6. Python Programming

7. Sketch with IOT Applications

8. Programming in C, C++

9. Machine Learning Services

10. Aneka 4.0

11. CNC Programming and Machining

12. Drone Development

And many more.

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

The New Education Policy (NEP) has also provided a clear direction for imparting IKS in the higher education curriculum. This helps the learner to know and understand their own systems and traditions which are imperative for any real development and progress. Also it helps the learner to think independently and originally with Indian frameworks and models for solving the problems of present day.

The motivation is to equip with the knowledge and understanding related to:

1. Indian Knowledge Systems: Origin, Evolution and Ontological Approach
2. Indian Knowledge Approaches- Time, Language, Environment, Management
3. Sciences of Life and Mind

4. Self-Exploration and Self-Knowledge for Personal Effectiveness

Our Initiatives:

1. Participated in awareness programmes conducted by Ministry of Education (MoE)

2. Initiated club activities (Language Club, Art Club, Innovata Club, Spoken Tutorial Club, S-Hub) with the objectivity of IKS and functionaries of the club.

3. Offering online courses in regional languages.

4. Conducting Yoga day celebrations and Monthly second and fourth Saturday's yoga classes are being offered to students and faculty members.

5. Life skill management programmes are also offers to the students.

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

The Outcomes of Learning or 'learning outcomes' are what the student should be able to do at the end of a learning experience. Learning experiences in formal higher education programs are learning units, which can be a few hours of self/classroom learning activity, a one-semester course, or a formal program of four years. the term Outcome-Based Education (OBE) to shift the focus from what is taught to what is learned. OBE approaches education by making decisions about the curriculum and instruction that are driven by the exit learning outcomes that the students should display at the end of a program or a course. OBE gives priority to ends, purposes, learning, accomplishments, and results.
The learning outcomes at the end of a course/activity in a program are identified by the concerned PAC. The course outcomes (COs) are best written by following a structure identified in the framework of Revised Bloom's taxonomy.

In OBE the key to the alignment is that the components in the teaching system, especially the teaching methods used and the assessment tasks are aligned to the learning activities assumed in the intended outcomes.

1. Defining Curriculum Objectives and Intended Learning Outcomes.

2. Designing Assessment Tasks.

3. Selecting Teaching and Learning Activities.

4. Reviewing your Program-level Outcomes.

5. Writing Intended Learning Outcomes.

6. Choosing an Appropriate Outcome-based Assessment Tool and Method.

Assessment Process:

process for defining the Vision and Mission of the Department and PEOs of the program

The Vision and Mission Statements of the department was defined by involving the stakeholders inlines of the institutional Mission & Vision statements. The following key components were reviewed and their competency indicators are also incorporated for drafting for defining department vision, mission and PEO statements.

- Quality Education
- Professional Career
- Higher Education
- Innovation and Creativity
- Lifelong Learning.
- Industry needy and Societal Conciouness

The blockdiagram ratifies the top down approach for the development of Department vision, mission and PEOs and the detailed articulation process is involed to finalize the statements of the program.

The process involved in defining the Vision, Mission of the Department

The various dimensions of mission statements are articulated based on realistic and not too broad or too specific parameters which can quantify the outcome of the department vision.

- Initially Vision, Mission of the Institute was considered for framing the Vision and Mission of the Department.

- Inputs of internal stakeholder were taken through SWOC analysis. Students through class coordinator and faculty through department meetings.

- External stakeholders give input through one to one meeting, during group meetings, during visit to the institution/organizations etc.

- The Program Assessment Committee (PAC) collects the above and submits to the Department Committee and after discussing in detail, the draft will be sent to the Department Advisory Committee (DAC) for their inputs for improvement.
- The Department Committee finalizes the Vision and Mission statements and submits to the college academic committee for their inputs.

- Finally, the Vision and Mission were framed by a Department Committee and published to all their stakeholders.

During every Academic year, before starting of the semester after completing the subject allocation to the faculties, well defined Course Outcomes were collected from individual subject handlers. The collective COs of all subjects will be reviewed and redefined by the Programme Assessment Committee (PAC) during the brainstorming session to evaluate the relevance of COs are specific, measurable

and achievable. In advance lesson plan, lecture modules, Question Bank are to be prepared, and the strength of correlations were considered based on Cognitive, Affective domain levels for the proper mapping of course contents and Questions with COs and Revised Bloom's Taxonomy (RBT) Levels. CO-PO mapping is done based on the correlation using performance indicators chart and competence levels as per the AICTE Examination reformation procedure. Also, an orientation session and brainstorming sessions are regularly conducted for the faculty members to create awareness on the same.

Assessment and Attainment methods

Assessment is one or more processes which is carried out by the institution, that identify, collect and prepare data to evaluate the achievement of course outcomes and program outcomes. Attainment is the action or fact of achieving a standard result towards accomplishment of desired goals. Primarily attainment is the standard of academic attainment as observed by test and/or examination result. Assessment methods are categorized into two as direct method and indirect method to access CO's and PO's. The direct methods display the student's knowledge and skills from their performance in the continuous internal assessment tests, semester examinations and supporting activities such as seminars, assignments, case study, group discussion, online quiz, mini project etc., These methods provide a sampling of what students know and/or can do and provide strong evidence of student learning. The indirect method done through surveys and interviews, it asks the stakeholders to reflect their views on student's learning. The institute assesses opinions or thoughts about graduate's knowledge or skills by different stakeholders.

Assessment tools are categorized into two methods to assess the program outcomes and program specific outcomes as Direct method and Indirect method.

Actions taken based on the results of evaluation of each of the Cos, POs & PSOs

he proper identification of gap in the program are assessed by

reviewing and analyzing the attained POs & PSOs during course of study for batch wise. The necessary actions were taken for the identified parameters and on needy basis those will be bridged as a content beyond value added courses, bridge courses, Refresher, skill development courses with various modes. The following procedure is adopted to identify the curriculum gap and after getting the PO & PSO attainments the least contributing and un covered key components are identified and those grey areas are addressed as a program gaps. Then top down process is initiated to identify the narrow downed, more specific topics and COs were recommended to bridge the gaps by PAC & DAC during brainstorming sessions.

20.Distance education/online education:

Online Mode of education providing flexible learning opportunities and way for creative teaching-learning and empowers student-centered education by overcoming separation of teacher and learner using the internet, e-Learning Materials and full-fledged programme delivery through the internet using technology assisted mechanisms and resources. Our institution offers value added and skill development courses through online mode apart from regular curriculum, also shares e-learning materials. The various types of online courses are recommended to students through mentors. Some of the important ones include National Schemes such as-

- NPTEL
- SWAYAM
- V-LAB
- Spoken Tutorial
- Infosys Campus Connect
- Company specific training etc.,
- NITTTR
- IIRS
- ATAL Academy

The main advantages of online modes are

- Convenient learning mode
- Better interaction
- Effective pedagogy
- Web-proctored exams
- Networking opportunities

E-Resources

The library provides IP enabled access to a large number of full texts on line journal databases from the various publishers.

- E-Journals, 1. J-Gate

2. DELNET

3. e-ShodhSindhuN-List

4. Open Source Ejournals

- E-Books   1. Sri InduEbook Management Software

2. e-ShodhSindhu N-List

- MOOCs
- NPTEL

- DSpace Institutional digital library Software
- SONET Video Lectures
- Institutional Membership of Indian National Digital Library (NDL)

E-Resources

NPTEL(NATIONAL PROGRAMME ON TECHNOLOGY AND ENHANCED LEARNING)

DEPARTMENT WISE

S. No	Name of the Department	Video lectures		Text of video lectures		PDF mater
		No. of Courses	No. of Lectures	No. of Courses	No. of Lectures	No. Cours
1	ECE	44	1739	38	1474	10
2	CSE, IT	44	1577	39	1434	22
3	EEE	22	688	36	1394	6
4	MECHANICAL	14	459	21	777	28
5	AE	4	80	6	224	-
6	CIVIL	17	684	44	1669	17
7	H&S,	4	60	36	1431	5
	TOTOAL	149	5287	220	8403	88

SONET (SOCIETY FOR NETWORKING FOR EXCELLENCE IN TECHNICAL EDUCATION)

S.No.	Name of the Department	No. of Courses	No. of Lectures

1	ECE	7	128	
2	CSE/IT	7	75	
3	EEE	4	61	
	TOTAL	18	264	

E-CONTENT (E-Journals, E-books and CDs/DVDs)

S.No.	Name of the Department	J-GATE E-Journals	DELNET E-Journals	E-BOOKS Callibre and N-List		CDs/ DVDs
1	CSE& IT Related Branches	882	113	5937		882
2	ECE	361	68	2594		393
3	EEE	233				101
4	MECHANICAL	539	85	2203		211
5	CIVIL	262	79	5601		41
6	H & S	154		10479		379
7	Technology		34	4203		-
8	MBA		215	24297		72
9	OTHERS			2239		-
	TOTAL	2431	537	57553		2328

Extended Profile

1.Programme

1.1   16

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File]

2.Student

2.1   4032

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File]

2.2   886

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3   **4028**

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

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1   **848**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2   **260**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**16**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	**4032**

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	**886**

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:	**4028**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	**848**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**260**

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

3.3 Number of sanctioned posts for the year:	**220**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**736**
4.2 Total number of Classrooms and Seminar halls	**96**
4.3 Total number of computers on campus for academic purposes	**1250**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**158966988**

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.

An effective implementation of this Outcomes Based Education (OBE) ensures that our graduating engineers have all the 12 POs defined by NBA, and hence can compete on a global platform, and have expected global attributes. Specific to every program, we have 3-5 Program Educational Objectives (PEOs) that are measured through the performance of the alumni. The PEOs, PSOs and POs of each department is also displayed in website.

https://sriindu.ac.in/wp-content/uploads/2021/01/POs-PSOs-COs-ALL-UG-PG-PROGRAMS.pdf

The Autonomy of the institute also provides the academic flexibility for introducing the new Courses like Data Science, Artificial Intellengence, Machine Learning, internet of Things are included for graduate courses of Computer Science and Information Technology. Intra disciplinary courses and advanced subjects like Mechatronics and Additive Manufacturing have been introduced to students of Mechanical Engineering. Advanced courses like Green Buildings and Repair & Rehabilitation of Structures are introduced for Civil Engineering students.To enhance the practical knowledge of the students, SAP Lab, Research Centre, E-Yantra, 3D Printing, Calibration lab, Civil Computer Aided Design lab .. etc are established. The Entrepreneurship Development Cell (EDC) extends the need based programs by organizing workshops / seminars in association with MSME India.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/1.1.1-Upload-additional-information-if-any-1.pdf

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

15

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

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

740

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

1.2 - Academic Flexibility

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

15

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

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

15

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

1.3 - Curriculum Enrichment

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

As part of best practices, our Institution integrates Cross-

cutting issues of the society like Moral Values, Human Values, Professional Ethics, Ethical Values Gender Equality, Environmental Awareness, which are inseparable part of our curriculum and also value added.

One-week orientation and induction programmes are being conducted to impart moral values, human values & professional ethics for first year students and newly joining faculty members. The compulsory course "Universal Human values & Professional Ethics" for 2nd year & open elective courses for the final year are important part of Curriculum.

College celebrates days of National and International importance as Republic day, Women's day, Independence Day, Teacher`s day, Human Right Day, International day of anti-violence against women, Anti-corruption day, International Yoga Day etc. Gender Sensitization The college has Women Grievance Cell and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff and faculty.

Awareness about Environment is necessary for the protection of the environment and survival of human life. College celebrates the day of National importance as Earth day, Environment day and National energy conservation day.

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

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

61

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

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

2171

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

552

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://sriindu.ac.in/wp-content/uploads/2023/01/1.4.1-Any-additional-information.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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

File Description	Documents
Provide URL for stakeholders' feedback report	https://sriindu.ac.in/wp-content/uploads/2023/01/1.4.2-Any-additional-information.pdf
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

I-1024, II-1132, III-1066, IV-1076

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

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

710

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

2.2 - Catering to Student Diversity

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

The institution has well-planned multi-level strategies that are implemented from time to time to address the issues of diversity in students' learning levels. Initial cues of the students' learning abilities are obtained from their performance in the qualifying examination, entrance examination and the induction training program conducted immediately after the admission. Since then, the students are trained by the respective faculty members during their course work, catering to their needs and putting conscious effort to sortouttheir difficulties.

The actual stratification of students into slow, average and advanced learners is based on their performance in the I series of internal examinations and a continuous follow-up taken up thereafter till the course completion by the concerted efforts of teaching faculty, course coordinator and Head of the department.

Special remedial classes are arranged for the slow learners before or beyond the regular class schedule on specific days for each course and individual attention is paid for improving the students' level of learning, problem solving and presentation.

Advanced learners are continuously encouraged to strive for higher goals

Encouraging the students to participate in seminars, Workshops and Conferences. Special training andcoaching for GATE, GRE etc.,

File Description	Documents
Upload any additional information	*View File*
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/2.2.1-Upload-any-additional-information.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
02/07/2021	4032	260

File Description	Documents
Upload any additional information	*View File*

2.3 - Teaching- Learning Process

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

The teaching-learning process is one major objective and the strength of our college. Students are given a right blend of traditional and modern methods to make learning student-centric and a rewarding experience. Experiential learning, participative learning and problem solving methodologies are well adopted to ensure the holistic development of students and facilitate life-long learning and knowledge management. Participative learning

1. Design/development of solutions: Students attempt to develop solutions for complex engineering problems and design system components/processes that meet the specified needs of real time cases through group analysis, brainstorming etc.

2. Mind Maps for creativity: Teachers create a central node on a Mind Map and provide students the freedom to expand and develop novel ideas.

3. Flipped Classes, blended learning and model making methods are introduced for selected topics to enhance participative learning.

4. Students are encouraged and presently made mandatory to take (Massive Open Online Courses) MOOCs , NPTEL, Course Era offered by

premier institutions of the country. They include online lectures, demonstrations and interaction through skype sessions.

5. Project works involving latest technologies and use of advanced soft-wares

6. GTP / CRT Training Classes and Company specific training classes.

All academic activities are aimed at elevating students' knowledge, skills.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://sriindu.ac.in/wp-content/uploads/2023/01/2.3.1-Upload-any-additional-information.pdf

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

The SICET Faculty members are practicing effective content delivery by using ICT tools in the class room for better understanding and reinforcement of the concepts and problem-solving is also adopted. ICT tools complement the traditional teaching-learning methods, and the institute is highly interested in providing innovative methods for enriching the learning experience. The institution has the needed resources which include wide availability of computers in engineering departments and library, high speed internet access and general ICT knowhow among the students and the faculty. The faculty are trained for the efficient use of tools through training sessions at the institute and/or faculty development programmes. Teaching/Learning methodologies include the use of ICT tools for illustrations and special lectures, field study, case-studies, project-based-methods, experimental methods, flipped class room sessions etc.

The conventional lecture method facilitates the teacher to interpret, explain and revise the content of a topic, only for better understanding of the subject by the learners. At the end of instruction of each unit, the students are given specific assignment enriches the learning.To enhance the effectiveness, lectures are presented as 'learning dialogues' including short

intermissions facilitating to recapitulate the acquired knowledge by way of answering or a brief peer group discussion

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://sriindu.ac.in/wp-content/uploads/2023/01/2.3.2-Upload-any-additional-information.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

260

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

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

The IQAC collects the plan of action from Department and Section heads and puts in the Academic Committee that prepares a well planned Academic calendar. It is printed and displayed in the notice boards, and kept in the college website. The calendar, madeavailable to the students before the commencement of classwork, includes: First and last day of instruction, schedules of internal and external exams, preparation holidays for final examinations, and vacation periods. Academic calendar is strictly adhered to. However, in case of any unforeseen situations which are beyond the control of the institution, necessary change is made by the authorities and the same is displayed in notice boards and websites.

Teaching Plan

Heads of the departments conduct meeting with their respective faculty well in-advance of commencement of the semester course work, and allocate subjects. A unit-wise teaching plan of the course content, spread over the allotted lecture hours, is

prepared to ensure a uniform pace of teaching. Course-coverage is monitored by concerned HOD once in a fortnight and deviations if any, are clarified with the faculty and special class work is planned. Faculty membersprepares a 'Lecture schedule' for every theory subject which is duly approved by the HOD.

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

260

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

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

24

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

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

260

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

2.5 - Evaluation Process and Reforms

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

30-45 Days

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

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

39

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

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

Sri Indu College of Engineering and Technology had made complete automation of examination processes, which helped in the successful execution of examination processes such as monitoring of examination fee payment, examination schedule, seating arrangement, attendance monitoring, coding and decoding of scripts, marks data entry, producing result processing and result analysis by Examination software tool, BEES thus facilitated result processing with accuracy.

Online Website broadcasting updated notifications, schedules, events can greatly help variousstakeholders including parents,students etc. has been implemented.

Establishment of Student Facilitation Center for online support.

Sri Indu College of Engineering and Technology(Autonomous) adopts Centralized Continuous Internal Evaluation (CIE) System to assess all aspects of a student's development on a continual basis throughout the year.

In order to provide more academic flexibility for the students, the Choice Based Credit System (CBCS) has been introduced for UG and PG programmes. Grading System is being implemented in the evaluation and assessment of students in place of percentage of marks.

Board of Studies members consisting of one professor appointed by the university, one senior Faculty member from our college and other faculty members meeting will be held to discuss the reforms and discrepancies in the syllabus during Board meeting.

Orientation on Evaluation Process: An initiative has been taken to create awareness among student community at the beginning of semester through orientation programme.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://sriindu.ac.in/wp-content/uploads/2023/01/2.5.3-Upload-any-additional-information.pdf

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

During every Academic year, before starting of the semester after completing the subject allocation to the faculties, well defined Course Outcomes were collected from individual subject handlers. The collective COs of all subjects was reviewed and redefined by the Programme Assessment Committee (PAC) during the brainstorming session to evaluate the relevance of COs are specific, measurable and achievable.

In advance lesson plan, lecture modules, Question Bank were prepared, and the strength of correlations were considered based on Cognitive, Affective domain levels for the proper mapping of course contents and Questions with COs and Revised Bloom's Taxonomy (RBT) Levels.

Also, to create awareness among faculty members on preparing CO-PO articulation matrix, hands on sessions were conducted. PAC has conducted brainstorming session for the faculty members to detail CO-PO mapping, Rubrics chart. Then, the articulation matrix of CO -PO mapping were carried out based on the AICTE examination reformation policy, using suggested key performance indicators and competencies.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://sriindu.ac.in/wp-content/uploads/2023/01/2.6.1-Upload-any-additional-information.pdf

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

The formulated assessment plans for the course in the program that brings the clarity to alignment of assessment with learning outcome of the course, cognitive level of learning student is expected to achieve and adapted assessment methods and tools. To evaluate the continues improvement in attainment, students' performance for attainment of course outcomes and hence POs, it is of utmost importance maintains reliable attainment evaluation procedure and proper assessment tools.The academic batch wise, subject wise, script wise and question wise attainments were calculated with strongly set rubrics. The target is set based on the achievements in PO attainments of previous three years. Further, the target attainments were measured for corrective actions to impact continuous improvements in POs. During these three assessment periods the department has got progressive attainments as presented.

The record of attainment of COs of all courses with respect to set attainment levels are evaluated for batch wise and evidences are properly documented. The micro level of assessment is made on

question wise, script wise, subject wise mapping attainment has been calculated for the batchwise . Benchmarked rubrics were set for attainment calculation in specific to the nature of subjects based on previous achievements.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://sriindu.ac.in/wp-content/uploads/2023/01/2.6.2-Upload-any-additional-information.pdf

2.6.3 - Pass Percentage of students

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

915

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://sriindu.ac.in/wp-content/uploads/2023/01/2.6.3.2-Upload-any-additional-information.pdf

2.7 - Student Satisfaction Survey

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

https://sriindu.ac.in/aqar-2021-2022/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

The institute provides all necessary infrastructural facilities and a conductive environment to promote research activity in the campus in all the departments. However, the institute is ready to provide seed funding or partial funding based on the merit of proposals submitted by faculty or student. The faculty and students are encouraged to present their ideas / project proposals before the research committee for getting the sanction of seed funding in accordance with institute guidelines. The faculty and students are given freedom to choose the research area of their choice and guidance is given to seek funding from various funding agencies and industries. The institute encourages the faculty by providing incentives for peer reviewed publications, writing books and filing patents. The institute takes care of patent filing process, which is governed by the Research policy of the institute. The institute gives a free hand to report research results and findings. However, a thorough review is done for all research proposals seeking funding from various funding agencies by consulting the research committee comprising the R& D Coordinator, Head of respective department and subject expert(s) of the department.

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://sriindu.ac.in/wp-content/uploads/2021/12/Policy-Doccument-on-Promotion-of-Research.pdf
Any additional information	[View File](#)

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

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

6.64

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

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

7

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

3.2 - Resource Mobilization for Research

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

5,83,500

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

3.2.2 - Number of teachers having research projects during the year

5

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://sriindu.ac.in/ece/sponsored-projects-consultancy-service/
List of research projects during the year	[View File](#)

3.2.3 - Number of teachers recognised as research guides

7

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

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

3

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	http://tlcgroup.co.in/
Any additional information	[View File](#)

3.3 - Innovation Ecosystem

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

The Institution provides a conducive environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Students are encouraged to actively involve in the application of Technology for societal needs. Necessary support is provided for Documentation,

Publication of Research Papers and also for obtaining patents. Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. Product service Training is provided for creating awareness on marketing the products. To produce successful entrepreneurs imbibed with leadership qualities using innovative and ethical business practices to make global impact. The 'Start-up India' program is intended to build a robust eco-system for nurturing innovation and start-ups which will in turn drive sustainable economic growth and generate large scale employment opportunities in India. Start-up& Innovation are an entity that develops a business model based on either product innovation or service innovation and makes it scalable, replicable and self-reliant. Innovations have a strong linkage to the world of start-up. Solutions to unsolved problems form the basis for thinkers to innovate.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sriindu.ac.in/edc-iedc/

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

34

File Description	Documents
Report of the events	[View File](#)
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	[View File](#)

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through	**B. Any 3 of the above**

authenticated software

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

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

3.4.2.1 - Number of PhD students registered during the year

3

File Description	Documents
URL to the research page on HEI website	https://sriindu.ac.in/r-d-cell/
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

63

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

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

8

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sriindu.ac.in/aqar-2021-22/criteria-3/#

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

28

File Description	Documents
Any additional information	[View File](#)
Bibliometrics of the publications during the year	[View File](#)

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

3.4.6.1 - h-index of Scopus during the year

19

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	[View File](#)

3.5 - Consultancy

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

12,65,500

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

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

13,43,500

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

3.6 - Extension Activities

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

The college organizes a number of extension activities to promote institute-neighborhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. Extension Activities aims at enabling our student/volunteers to develop social responsibility and learning by doing. Service attitude is essential for any professional to flourish in his/her job. Our extension activities has multiple dimensions such as National Service Scheme, S-Hub, Women's grevances and empowermentCell, Red Ribbon Club, Electrol Literacy Club, Road Safety Club, Unnat Bharat Abiyan, Swachh Bharath Abiyanetc. The

professional as well as life skill development of engineering graduates is balanced through extension activities. Students go the adopted villages to involve themselves in the field work thereby knowing the real conditions of the villagers.

Main Activities – Thrust Areas: Fit India, Environment protection, Blood donation, Disaster preparedness, Tree plantataion, Personal health & hygiene, Mental wellbeing, National integration & harmony, Energy saving & promote renewable energy, Life skills development.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sriindu.ac.in/aqar-2021-22/criteria-3/

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

29

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

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

46

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

2800

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

3.7 - Collaboration

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

658

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)

15

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The College encompasses a well maintained lush green campus spread over 26 acres of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities.

Classrooms: college encompasses sufficient number of well-furnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes. Technology Enabled learning facility: The College has ICT Classrooms where the provision of Multimedia learning, Wi-Fi connectivity and internet access is given.

Seminar Hall: The College has multiple seminar halls. These halls are regularly used for conducting national / international seminars at the college. The students are promoted for active involvement in paper presentations, group discussions, etc. Tutorial rooms: Separate tutorial rooms are there in the college campus for tutorial lecture, doubt clarification and special remedial classes for weak and needy students.

Laboratories: All laboratories are well equipped with state of the art equipment and facilities. All the laboratories are established as per AICTE and JNTUH norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum. Labs are also utilized for technology learning & training as a part of teaching contents beyond the syllabus. Labs have sufficient licenced software and open source tools to cater the requirements of curriculum & industry enabled teaching.

Wi-Fi: The entire campus is Wi-Fi enabled with 24/7 internet facilities to the students and staff. Available band width: 1 Gbps (Faculty & Staff. Internet facility is available in whole campus including labs, classrooms, library, offices of all Departments and hostels.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/4.1-Upload-any-additional-information.pdf

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

Cultural activities

Students are very much encouraged to participate in the cultural events held in the college like Technical fests, Freshers, Annual Sports Day, Annual Day, Farewell etc., to exhibit cultural talents. Students are even sent to other colleges for intercollegiate competitions like dances, skits, mimicries etc., We got some clubs/ Committees to enhance the hidden talent of the students namely: Gonna Literacy & Cultural Committee and Sports & Games Committee who play an excellent role for over all development of the student's community.

Sports and games

Sport is an integral part of the curriculum. Various sports facility is provided to the students within the campus. The college is committed to create a balanced atmosphere of academic, cultural and sports activities for the overall personality development of its students. Various sports competitions such as inter departmental, inter collegiate, Inter University, etc. help in developing team spirit in students. Sports and games help the students to improve their inter personal relationship in healthy manner.

Yoga centre

We have a Yoga Class room where students and faculty members do meditate and even practice yoga.

Auditorium

Two Auditoriums – One with area covering 2000 Sq.mts. (Bigger size) which can accommdate over 2000 students and another with an area of 1000 Sq.mts. which can accommdate 1000 students. All the campus functions are conducted in these Auditoriums.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/4.1.2-Upload-any-additional-information.pdf

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

87	

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

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

1607	

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

4.2 - Library as a Learning Resource

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

Integrated Library Management System (ILMS) NewGenLib version 3.0.4 (Release2) is a fully web based Integrated Library Management Software that runs on distributed computers through a network or server is used for acquisition, cataloguing, circulation, procurement of books, serial control modules and Online Public Access Catalog (OPAC). All the library documents are bar-coded and books are issued to users by reading the barcode of the document. It can also run on local area networks without access to the Internet. NewGenLib is entirely Java based, platform neutral, and uses the following related software technologies in its presentation, web server and database layers. Interface makes it possible that part of the processing works can be done by the client, thus reducing load and memory usage for sessions on the server, and unnecessary network usage. NewGenLib?s adherence to proven MARC standards for the description of serials, and the use of Captions and Patterns for expecting receipts of serial issues, so vital in serials management automation, is quite elaborate, yet quite intuitive for serial managers. The Library offers

computerized Catalogue Search Services for user community through the On-line Public Access Catalogue (OPAC) (http://192.168.8.117:8080/newgenlibctxt/) which allows access from this service. Search book by author and title, check user's Circulation history (Issues and Returns), Know user's personnel details, library access details and latest arrival of bibliographic details of the books available in the Central Library.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/4.2.1-Upload-any-additional-information.pdf

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

A. Any 4 or more of the above

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

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

12.46

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

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

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

1268

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

Revised institution IT Policies & Guidelines

Availability and usage of cutting-edge information Technology (IT) resources and infrastructure of an organization make its product and process qualitative as well as effective. High end IT infrastructures have become most significant resources in technical educational institutions. Realizing the importance of these, SICET took initiative way back in 2001 and established basic network infrastructure in the campus. Over the last 20 years, the active users of the IT amenities as well as t!he web-based application have amplified many folds.

As of now, the institution has about 1250 network connections spreading over 5 buildings in the campus and expected to reach 1600 connections in near future. There is a well established internet and intranet facilities in the campus. The whole academic campus is now Wi-Fi enabled. The total band width available at SICET is 1 Gbps.

Strong IT management policy and security measures are the necessary and effective steps to align with ·the Institute academic objectives and desires. Hence, SICET is proposing to have its own IT Policy that works as guiding principle for using the institute's computing facilities including computer hardware, software, email, information resources, intranet and Internet access facilities, collectively called "Information Technology ". The need of such IT policy is as follows:

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/4.3.1-Upload-any-additional-information.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4026	1198

File Description	Documents
Upload any additional information	[View File](#)

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

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sriindu.ac.in/aqar-2021-22/criteria-4/
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)

1607

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

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

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

MECHANICAL MAINTENANCE

The standard procedure followed for service and maintenance of equipment/machinery as follows

- **If the equipment/machinery is to be serviced during the warrantee period, the supplier of the equipment/machinery will be intimated about the repair and it will be serviced either in-house or in the supplier premises based on the nature of defect.**

- **After warrantee period if the equipment/machinery demands service, the technical staff attached to the respective laboratories service the equipment/machinery to the extent possible.**
- **If not, identify the persons outside the organization who repair the equipment, if necessary contact the supplier of the equipment.**
- **If no items are required to purchase for repairing the equipment, the equipment is repaired immediately.**
- **If items are required then send a proposal to the purchase incharge through proper channel (concerned HOD).**
- **After the items are purchased the equipment will be repaired by the person.**
- **The remuneration bill (cost of Maintenance) will be sent to the accounts department through proper channel.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/4.4.2-Upload-any-additional-information.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

853

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

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

144

File Description	Documents
Upload any additional information	[View File]()
Institutional data in prescribed format	[View File]()

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

A. All of the above

File Description	Documents
Link to Institutional website	https://sriindu.ac.in/wp-content/uploads/2023/01/5.1.3-Any-additional-information.pdf
Details of capability development and schemes	[View File]()
Any additional information	[View File]()

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

2175

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

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

A. All of the above

submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	

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

5.2 - Student Progression

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

762

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

5.2.2 - Number of outgoing students progressing to higher education

65

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

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

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

government examinations) during the year

347

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

31

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 following members are represented as expert committee for Sri Indu College of

Engineering and Technology (SICET) National Innovation and Startup Policy (NISP) activities.

Committee for SICET National Innovation and Start up Policy

List of Coordinators

Designation

Role

Dr. P. Mallesham

Director (Mechanical)

Chairperson

Dr. Sampath Korra

Associate Professor/CSE

NISP Coordinator

Dr.N.C. Sendhilkumar

Professor/ECE

Member

Dr. Naga Malleshwar

Professor/EEE

Member

Dr.P.Ramesh

Associate Professor/ECE

Member

Prof. Abdul Khaja Pasha

Assistant Professor/ECE

Member

Prof.E.Parusha Ramu

Assistant Professor/ECE

Member

Deekshith Saganti

Student

Member

Siva Pranam Tunguturi

Student

Member

Nannuri Ruchika Reddy

Student

Member

Dr.I.SATYANARAYANA

External

Member

G.Bhaskar

External

Member

Anti-Ragging Committee and Anti Ragging Squads : 2021-22

Every college/Institution shall constitute a committee to be known as the Antiragging committee to be nominated and headed by the Head of the Institution, and consisting of representatives of civil and police administration, local media, NonGovernmental organizations involved in youth activities, representatives of faculty members, representatives of parents, representatives of students belonging to the fresher's category as well as senior students, NonTeaching Staff: and shall have a diverse mix of membership in terms of level as well as gender

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/5.3.2-Upload-any-additional-information.pdf

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

12

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

5.4 - Alumni Engagement

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

```
Alumni Committee

About Committee

An Alumni Committee has been constituted to promote the welfare of
SICET and to establish a mutually beneficial relationship between
SICET and its alumni. The committee helps alumni connect with the
College and with students through a wealth of Club activities,
continuing education programs, online services, and alumni events.

Committee Mission

    • To maintain a lifelong relationship with alumni and
      providing relationship between alumni and present students
      as well as among alumni.
    • To develop plans to support the growth of institution to
      achieve its vision and to enable institute to add values to
      all its stakeholders.

Committee Objectives

    • To establish and maintain an alumni association.
    • To maintain a database of alumni, enabling them to reconnect
      with their friends.
    • To provide guest lectures and employment opportunities for
      the present students through alumni.
    • To strengthen relation between the Institute and alumni and
      encourage them to participate in the various cultural and
      social activities.
    • To support the institute with resources that it will need
      for its various activities.
    • To provide information about the current issues and trend
```

- going on in real-time environment.
  - To assist students in availing project facilities.
  - To help alumni in solving their technical problems through other alumni and faculty of the institute.
  - To provide and organize funds for the needy and deserving students of the institute.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://sriindu.ac.in/wp-content/uploads/2023/01/5.4.1-Upload-any-additional-information.pdf

5.4.2 - Alumni's financial contribution during the year	D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

About New Loyola Model Educational Society (NLMES)

The NEW LOYOLA Model Educational Society(NLMES) had taken its birth with the social objective of providing educational opportunities to the rural youth who had been migrating to the towns in pursuit of education. The concept gained momentum and NEW LOYOLA Model Educational Society(NLMES) was established andRegistered on 23rdAugust, 1979 under Societies Act XXI of 1860with the following objectives, incorporated in the memorandum of articles.

1. To establish, aid and maintain educational, cultural and other institutions to impart education, at all stages, for promotion of literature, arts and science and all other subjects for the diffusion of useful knowledge in Telangana.
2. To raise necessary funds to maintain educational institutions under its management and administer them.

3. To grant aid to deserving students for promotion of studies.
4. To arrange 'extension lectures' in one or more branches of knowledge.

VISION AND MISSION OF THE INSTITUTION

VISION of the Institute :

To be a premier Institution in Engineering & Technology and Management with competency, values and social consciousness.

MISSION of the Institute

IM1 Provide high quality academic programs, training activities and research facilities.

IM2 Promote continuous Industry-Institute interaction for employability, entrepreneurship, leadership and research aptitude among stakeholders.

IM3 Contribute to the economical and technological developmentof the region, state and nation.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://sriindu.ac.in/wp-content/uploads/2023/01/6.1.1-Upload-any-additional-information.pdf

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

The institute practice decentralization and participative management.

1. Innovative Practices adopted for more number of placements with better packages in addition to existing mechanism. Various innovtive activities are taken up for improving number of placements with high packages in the academic year 2021-22:

- **Advanced learner groups: With an aim of inculcating advanced coding, high in communication, improved analytical habits among top students, advanced learner groups are introduced**

and continuously given the challenges in all aspects of skills required to get into higher-end and blue-chip IT jobs.

- Competitive Coding Labs: Competitive Coding Labs have been introduced in the institute for developing compete skills in students, that helped the students to improvise problem solving skills, getting expertise in programming languages and as well expanding creativity in coding abilities.
- Students were motivated towards design thinking, innovative practices, prototyping of a model through workshops, seminars and guest lectures etc. The Innovation and Incubation Cell (IIC) introduced Innovation day on 15th October 2019 to display the student's innovative ideas in memory of Dr A.P.J Abdul Kalam. The innovative models developed and exhibited at various platforms helped the students in getting good placement.
- The faculty member from each department started assisting training and placement officer through identifying the core industries for the respective departments and succeeded in getting new core companies to the campus for placement drive.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://sriindu.ac.in/wp-content/uploads/2023/01/6.1.2-Upload-any-additional-information.pdf

6.2 - Strategy Development and Deployment

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

The strategic and perspective plan 2019-2024

Perspective/Strategic plan focuses on current trends and disrupting forces in higher and technical education strata which when adopted can show better performance. It makes an assessment of stakeholder's expectations, students, faculty members, employers, and needs of the people of the region. Following plans are projected after proper discussion and considering the short

term, medium term and long term development plans. The institute has student centric approach and stakeholders are the final beneficiary of these developments.

SICET strategic plan includes the following:

• University approved curriculum is strictly adhered to and faculty members and students are encouraged to take up online short term courses to enhance skills and technical abilities.

• Encouraging high quality research, Industry engagement, Entrepreneurship, Alumni engagement and Social outreach that are targeted at helping people of the region.

• The activities are planned in the beginning of every academic year through the Academic Calendar and suggestions are sought from faculty members.

• Development Plan is a quality initiative which concentrates on the development of the departments in terms of infrastructure, faculty strength, faculty achievement, students' development and student achievement. The plan is finalized by the HODs of all departments in consultation with their faculty members. This plan is then discussed in the HODs meeting with the Principal, followed by approval from the management.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/6.2.1-Upload-any-additional-information.pdf
Upload any additional information	View File

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

ORGANISATIONAL STRUCTURE

Sri Indu College Of Engineering & Technology (Autonomous) has well defined organization structure which is shown in below Figure and accordingly, the administrative decisions are carried out. It shows the hierarchy of academics and administration is to be included.

Roles and Responsibilities Roles and Responsibilities of Dean – Academic

- Monitoring the academic progress of the departments.
- Monitoring the functions of Class Advisor's I & II, Test Coordinators, Assessment Coordinators.
- Approving the Internal Assessment marks for all students in all classes of both UG & PG.
- Monitoring the students' on-line feedback.
- Monitoring the faculty performance in University results.
- Monitoring and controlling students discipline in the campus.
- Monitoring and controlling the Girls' Hostel.
- Monitoring the functions of deputy wardens and all other staff working in the Girl's Hostel.
- Any other matter connected with students' activities in the college as well as in the hostels.

Roles and Responsibilities of Dean – Research

- Monitoring the activities of Research Centre's.
- Monitoring the research progress of faculty members pursuing Ph.D.
- Recommending faculty members for participation in Conference / Seminar / Workshop.
- Recommending project proposals of departments / individual faculty to funding agencies.
- Monitoring the activities of the innovation and creativity of the college.
- Monitoring the progress of product development in the departments.

File Description	Documents
Paste link to Organogram on the institution webpage	https://sriindu.ac.in/wp-content/uploads/2023/01/6.2.2-Upload-any-additional-information.pdf
Upload any additional information	View File
Paste link for additional Information	https://sriindu.ac.in/wp-content/uploads/2023/01/6.2.2-Upload-any-additional-information.pdf

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

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

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

Response

The institution effectively implements the welfare schemes for the teaching and Nonteaching faculties.

The College makes arrangements for availing all the government schemes such as Pension, Commutation of Pension, Earned Leave encashment, Maternity Leave, Medical Facility, Leave on Overseas Project or Conference, Health Fund Scheme, Permission to attend FDP such as Orientation programmes and Refresher courses, short term courses, etc. for the career development and progression of the teaching as well as non-teaching staff.

Besides the above, the following benefits are given to the teaching and non-teaching staff.

Financial Support

- To the staff to attend workshops and conferences both at the national and international level
- For children's education of the non-teaching staff
- For celebrating festivals, festival advance to the non-teaching and domestic staff
- The self-financed staff of the institution also receive Provident Fund, permission to attend Faculty Development Programme, Maternity and paternity leave with salary.
- Interest free Housing Loan for domestic employees

Material Benefits

- Office rooms for Staff Associations (Teaching and Non-teaching) on the campus
- Two sets of uniforms to the domestic staff every year
- Wi-Fi facility to the staff inside the college campus

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/6.3.1-Any-additional-information.pdf

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

58

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

37	
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.)

119	
File Description	**Documents**
Summary of the IQAC report	[View File](#)
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	[View File](#)
Upload any additional information	[View File](#)

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

INTERNAL AUDIT REPORT

Period covered for Audit from 01-10-2021 to 31-03-2022

Internal Audit was planned and performed to obtain responsible assurance whether accounting process system its processes and controls operate efficiently and effectively and to see that the information is free material misstatements, Internal Audit was carried to assure.

- **To verify correctness of accounting procedures and its reporting**
- **To verify compliance of the policies of Institution and its controls implemented.**
- **To verify the compliance with various statutory provisions**

applicable.

Audit has covered verification of system of accounting of those expenses and incomes and others mentioned above and to express opinion on weakness in internal control and management and governance high lighting any exptions and cases of non compliance and suggest or recommend improvements in the design and operations of control based on internal audit. The following observations have been made during the course of audit.

- Verified the receipts and payments vouchers and bills during the audit period
- Internal control with regards to system access is followed as per the policy and appears satisfactory.
- All statutory payments are made well within the due dates and as per the prescribed norms.
- Verified the cash balances with the Cash Book and found correct.
- Bank Reconciliations are done and matched with the Books of Accounts.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/6.4.1-Upload-any-additional-information.pdf

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

3.05

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

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

Institute maintains & follows a well-planned process for the mobilization of funds and resource. The process involves various committees of the institute as well as the Department Heads and Accounts office. Institute has designed some specific rules for the fund usage and resource utilization.

- Mobilization of Funds, the student Tuition fee is the major source of income for the institute.
- Various government and non-government agencies sponsor events like seminars and workshops.
- Alumni contribute to the institute by raising funds to purchase items like water coolers, wall clocks, etc.
- Sponsorships are sought from individuals and corporate for cultural events and fests. Utilization of Funds

Utilization of Funds

- A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses
- The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc.
- The quotations are scrutinized by the finance and purchase committee before a final decision is made based on parameters like pricing, quality, terms of service, etc.
- The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget. The intervention of the management is sought in case the expenditure exceeds the budget.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://sriindu.ac.in/wp-content/uploads/2021/12/6.4.3-Upload-any-additional-information.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made

during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The IQAC Committee includes all stakeholders of the Institute, i.e. students, alumni, all Department and Section Heads also including the Library, Sports, Students Hostel, Examination & Evaluation, co-curricular and extra-curricular activities, members of the Management and Administration, and members of local community and industry experts.

Objectives

The Primary aim of IQAC is

? To develop a system for conscious, consistent, and catalytic action to improve the academic and administrative performance of the institution.

? To create a good quality culture

? To channelize the efforts and measures of the institution towards academic excellence.

Strategies

? Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.

? Optimization and integration of modern methods of teaching and learning.

? To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

? The relevance and quality of academic and research programmes.

? The credibility of evaluation procedures.

Functions

Some of the functions expected of the IQAC are

? Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution.

? Organization of workshops, seminars on quality-related themes and promotion of quality circles.

? Development of Quality Culture in the institution.

? Dissemination of information on the various quality parameters of higher education.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/6.5.1-Upload-any-additional-information.pdf

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 IQAC-Academic Audit Cell is conducting internal audit for ensuring quality teaching-learning process twice in a semester during the academic year.

Purpose:

To promote self-reflection/ self-improvement measures among all departments being audited.

To conduct quality checks on different activities undertaken in all departments/ Students activity of the institution to meet expected outcomes.

To promote adoption of best practices and innovative methods for quality teaching-learning process.

Audit Team:

S. No

Audit Team

Designation

1

Dr.A.Ramakrishna Rao

Director (Academic & Planning)

2

Prof.K.Ashok Babu

MR- Convener

3

Dr.P.Mallesham

Director (Mech)

4

Dr.N.C.Sendhilkumar

IQAC Coordinator

5

Dr.G.Suresh

Principal

Audit Process:

Each Department will prepare a Self-Evaluation Report and submit it electronically to IQAC. The Audit team will visit and conduct evaluation through check of documents and interaction with faculties and students. The audit report will be prepared and will be shared to the department for corrective measures.

Non Confirmation Report (NCR) will be issued by the IQAC for authentication.

The Following Areas will be covered during the audit and the outcomes will be reviewed for corrective measures:

  • Functioning of classes

- **Students' Academic Performance (Mid Exam)**
- **Students Attendance/ Regularity**
- **Faculty Cooperation/Involvement**
- **Syllabus coverage as per course plan**
- **Use of ICT enabled teaching & Digital courses**
- **Maintenance of Course File/TFPR with updation**
- **Syllabus coverage of practical courses**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sriindu.ac.in/wp-content/uploads/2023/01/6.5.2-Upload-any-additional-information.pdf

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://sriindu.ac.in/wp-content/uploads/2022/03/NIRF-RANKING-ENGINEERING-SUBMITTED-REPORT-2021-22.pdf
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender equality is when people of all genders have equal rights, responsibilities and opportunities. Everyone is affected by gender inequality - women, men, transandgender diverse people, children and families. It impacts people of all ages and backgrounds.

Awareness Programs A.Y 2021 - 2022

S.No.

List of Programs

1

"Awareness Programme On Drug Menace"

2

Awareness programme on Happy International Women's day

3

Awareness Programme on Wet and Dry Wastage

4

Awareness Programme On Azadi Ka Amrith Mahotsav Publicity By Msme

5

World Health Day organized in the campus, 07-04-2022

6

Plantation Programme organized in the campus, May 2022

7

Awareness Programme on Indian Space Programme organized by Speaker, Dr. G. Venkata Narayana, Deputy Project Director GSLV Mk-III Project , Vikram Sarabhai Space Centre, ISRO 08-06-2022

8

International Yoga Day organized in the campus, 21-06-2022

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://sriindu.ac.in/wp-content/uploads/2023/01/7.1.1-Upload-any-additional-information.pdf

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

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

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

1. **Solid waste management**
2. **Liquid waste management**
3. **Biomedical waste management**
4. **E-waste management**
5. **Waste recycling system**
6. **Hazardous chemicals and radioactive waste management**

Sri Indu College of engineering & Technology has designed methods for the management of waste generated in the campus using the basic waste management strategy of Reduce, Reuse and Recycle i.e., Reduce the amount of waste generated, Reuse everything to its maximum after proper segregation and cleaning and keeping things which can be Recycled aside and handed over to appropriate agencies. The waste generated in the campus includes liquid waste and solid waste- both of biodegradable and non-biodegradable nature & chemical waste. No classified hazardous waste is generated in the campus. The environmental policy of the institute is to achieve zero discharge and complete utilization of waste with well-designed strategies to make campus clean, hygienic and healthy.

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

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

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

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	A. Any 4 or all of the above

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

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

The institute is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy and setting communal harmony.

- Unnat Bharat Abhiyaan (Under Ministry of HRD)-Adopted 3 villages in Ranga Reddy region to conduct activities for their socio-economic development. Institute has conducted lectures in these villages for increasing their environmental and ethical awareness. Institute has also tested the quality of drinking water available in these villages.
- Sri Indu College organizes extension activities in schools as a part of Education Social Responsibility. The extension activities are targeted towards enabling a holistic environment for student development.
- Classes for children of workers were conducted by Engineering students to educate them.
- The Institute has also funded to the Police Department for ("Social Outreach Activity") of Rs. 6 Lakhs for CC TV Provision in the Surroundings.
- Blood donation camp is annually organized at Sri Indu College in association with LIONS CLUBS INTERNATIONAL MEGA BLOOD DONATION CAMP IN Hyderabad, Telangana where students, faculty and staff contributed voluntarily by donating blood for the noble cause of serving society and proudly adorn the badge of a blood donor.

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

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

India, as a country, includes individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race sex. Sri Indu College of Engineering & Technology sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen. To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The Autonomous curriculum is framed with mandatory courses like Professional ethics and human values, Constitution of India, Essence of Indian Traditional Knowledge, as a small step to inculcate constitutional obligations among the students.

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

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this	B. Any 3 of the above

regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	

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

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

The institute aims to inculcate values and nationalism in the students by celebrating the national festivals and birth anniversaries of great Indian personalities in the college campus every year. The celebrations include flag-hoisting, Project Exhibitions, Poster Presentations, Walks, Essay Writing, and Elocution. Eminent personalities are invited to motivate staff and students by their inspirational speeches on those days.

List of programmes

S.No

Event Name

Event date

1

International Yoga Day

21-06-2022

2

Independence Day & Republic Day

15-08-2021 & 26-01-2022

3

Teacher's Day

05-09-2021

4

Engineer's Day

15-09-2021

5

Mahatma Gandhi Jayanthi

02-10-2021

6

National Voters Day

25-01-2022

7

National Unity Day

31-10-2021

8

Constitution Day

26-11-2021

9

National Mathematics Day

```
22-12-2021

10

National Youth Day

12-01-2022

11

International Women's Day

08-03-2022

12

Youth Skill Day

10-07-2022 to 15-07-2022
```

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

7.2 - Best Practices

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

```
INDUSTRY ORIENTED CURRICULUM DESIGN AND TEACHING – LEARNING
PROCESS

   o   To design and prepare Industry oriented curriculum to meet
       out the requirements and incorporate the emerging
       technologies in the syllabus
   o   To promote direct industry linkages with the departments and
       enhance In-plant training, Industry visits, field/site
       visits, Industry projects and Internship opportunities to
       the students and also to train the faculty in the recent
       advancements
```

- To collaborate with industries for R&D activities and establish industry sponsored laboratories / Centre of Excellences (CoEs)
- To involve students and faculty in testing and consultancy activities for governmental and nongovernmental organizations and provide solutions for industrial /societal problems

CLEAN AND GREEN PRACTICES FOR SUSTAINABLE ECO- FRIENDLY ENVIRONMENT

- Implementation of green belt development
- Initiating activities to protect the environment and to create pollution free zone
- Minimization of waste generation and safe disposal of the wastes
- Establish campus renewable energy sources like roof-top solar power plants, etc.

MENTORING SYSTEM FOR STUDENTS

- To minimize dropouts, improve performance and reduce stress of the students through personal counselling.
- To establish a vibrant relationship with the student-teacher, build the confidence in the students to seek advice, have informal discussions, sharing problems and to have meaningful deliberation to attain the goal.

File Description	Documents
Best practices in the Institutional website	https://sriindu.ac.in/wp-content/uploads/2020/10/best-practice.pdf
Any other relevant information	https://sriindu.ac.in/wp-content/uploads/2020/10/best-practice.pdf

7.3 - Institutional Distinctiveness

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

Institutional Distinctiveness

Our vision is to be a premier institution in engineering and technology and management with competency, values and social

consciousness. Sri Indu College of Engineering and Technology is consistently motivating,

Support platform for students to exhibit their skills knowledge in various competitive Technical Events. Our institute has arranged various technical events and awareness programs to increase the competency level.

High quality of the academic excellence covers way for the desired outcomes of conceptual learning and technical competency among the students. This is achieved through curriculum design in tune with the global requirement blended with innovative teaching – learning methods. Motivating and supporting the students into various technical programs and activities, guest lectures and workshops through technical associations and forums namely ISTE, IETE, CSI, IEEE enables them to develop their technical competency to work towards their career aspirations and opportunities and to achieve their desired academic and career goals.Students are educated on courses offered through MOOCS (NPTEL NOC, Coursera, Spoken Tutorial, etc.,)each of the semesters in tune with the courses offered through the semester.The institute also acknowledges the academic excellence of the students through scholarships, cash awards and Gold Medals during College Annual Day. Innovation and Design:

File Description	Documents
Appropriate link in the institutional website	https://sriindu.ac.in/wp-content/uploads/2023/01/7.3.1-Any-other-relevant-information.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY

INTERNAL QUALITY ASSURANCE CELL (IQAC)

PLAN OF ACTION FOR THE ACADEMIC YEAR 2022-2023

S. No

Plan of Action for the Academic Year 2022-2023

1

To Strengthen the campus facilities and support system

2

To Enhance the output in Research and Consultancy

3

To submit SSR & AQAR, Submitting SAR Two more eligible programs for NBA Accreditation.

4

To strengthen the collective activities towards NAAC Accreditation as part of regular Teaching-Learning process

5

To Development of new Curriculum

6

To Foster Creativity and innovation

7

To Introduce multidisciplinary courses and projects

8

To Improve ICT & Interactive mode of Teaching-Learning process

9

To Conduct IPR, Entrepreneurship & Up skilling programs for Students Quality Enhancements.

10

To Conduct CRT Programmes & Career Guidance Programmes for Higher Studies & Placements

06-09-2023 03:05:15

06-09-2023 03:05:15