



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, LONGOWAL
• Name of the Head of the institution	Prof. Mani Kant Paswan	
• Designation	Director	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	+91-1672-253100	
• Mobile no	+91-9771300840	
• Registered e-mail	director@sliet.ac.in	
• Alternate e-mail address	mkpaswan.me@nitjsr.ac.in	
• City/Town	Longowal / Sangrur	
• State/UT	Punjab	
• Pin Code	148106	
2.Institutional status		
• University	Deemed	
• Type of Institution	Co-education	
• Location	Rural	

• Name of the IQAC Co-ordinator/Director	Prof. (Dr.) Kamlesh Prasad				
• Phone no./Alternate phone no	+91-1672-253421				
• Mobile	+91-9417741225				
• IQAC e-mail address	iqac@sliet.ac.in				
• Alternate Email address	profkprasad@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	http://iqac.sliet.ac.in/aqar-2022-23/				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://academic.sliet.ac.in/academic-calendar/				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.35	2012	10/03/2012	09/03/2017
Cycle 2	B+	2.58	2017	30/10/2017	29/10/2022
Cycle 3	A	3.02	2022	14/09/2023	13/09/2028
6.Date of Establishment of IQAC			16/02/2013		
7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.					
Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount	
NIL	NIL	NIL	NIL	NIL	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		
9.No. of IQAC meetings held during the year			02		
• The minutes of IQAC meeting and compliance to the decisions have been			Yes		

uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)		
<ul style="list-style-type: none"> (Please upload, minutes of meetings and action taken report) 	View File	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 	NA	
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
All regular faculty members are registered on the E-Vidwan portal, which has resulted in a fivefold improvement in Google Scholar citation score.		
To improve the overall research perception, continuing efforts are being made to register regular faculty members on different portals such as Orchid, Scopus, researchers' IDs, and Google Scholar with verification of institute email IDs.		
Timely submission of Annual Quality Assurance Report (AQAR) to NAAC		
Improvements in MoUs with academic institutions and industries globally.		
Efforts have been made to improve the institute's solid waste management and water and energy conservation practices.		
12. Plan of action chalked out by the IQAC in 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	
Arranging of Data as per NAAC format	All the related activities done in context to AQAR submission	
To Make strenuous efforts for Implementation of NEP-2020	Approvals for various academic programs: 1. From UGC to start integrated BSc-MSc program in Physics, Chemistry and Maths from 2024-25 session. 2. Approval from AICTE to start	

	Bacholars degree in Civil Engineering from 2024-25 session. Institute is also registered for NAD-ABC and the students academic records are being uploaded on the website.
To increase activities related to environmental awareness	Setting up of drip irrigation system in one acre land
To Strengthen ERP System in the Institute	Process of strengthening is the continuously in progress for effective implementations.
Motivation to Faculty/Students for Research and Motivation	Seed money under the research promotion scheme for the young faculty members up to 5 lakhs were awarded from the institute. For better UG/PG research/project outcome institute provides some lumpsum amount to every department. 02 research and 03 consultancy projects were awarded by various Governmental, Non-Governmental agencies and Industries to the faculty members. Faculty members were awarded 10 patents and filed 02 patents during the year.
Arranging workshops/trainings for faculty and staff of the Institute	Five FDPs and STTPs were organized across different faculties
Strengthen the activities related to industry-institute interaction, guidance for competitive Examination, personality development, Universal Human Values	To strengthen the activities 06 MoUs were signed with academic institutions and industries. Industrial visits for the students were arranged by the academic departments, Workshop on Universal Human Values were arranged.
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	

Name	Date of meeting(s)
IQAC Committee, SLIET	24/01/2025

14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

No

15. Whether institutional data submitted to AISHE

Year	Date of Submission
2023-24	17/12/2024

16. Multidisciplinary / interdisciplinary

Sant Longowal Institute of Engineering and Technology is a Centrally Funded Technical Institution (CFTI), under the Ministry of Education, which was established by the GoI in 1989, in a special category of Technical Education where multiple-entry, multiple-exit system are followed. It was projected that in addition to Certificate, Diploma and Degree programs, Institute will provide non-formal education and training to persons from unorganized sectors and school dropouts to acquire basic technical skill, entrepreneurship and self-employment. Provision for lateral entry was also projected. <http://academic.sliet.ac.in/files/2022/12/Establishment-of-SLIETAICTE-Notification-dt.-20.6.1989.pdf> In order to prepare Institute for NEP implementation, NEP Cell is functioning in the Institute since, January, 2021, as per UGC guidelines, for necessary planning and implementation of NEP-2020. <http://administration.sliet.ac.in/files/2022/12/Annexure-2.pdf> Vision Plan "SLIET-2030": Major activities of Vision plan are available at the following link: <http://administration.sliet.ac.in/files/2022/12/Annexure-3.pdf> Short Term Activities: Holistic development of the students Restructuring of ICD, setting up of industry sponsored labs, Virtual labs etc. Establishment of Centre of Excellence Grant of University Status (Multi-disciplinary under Category-II) Development of new skill-based programs. Start of New programs Infrastructure development for campus digitalization

17. Academic bank of credits (ABC):

Institute has already registered under ABC vide NAD ID No. NAD003503 and ABC ids of students admitted from 2021 batches on wards have been created and data related to students' academic records is

continuously uploaded.	
18.Skill development:	
<p>The various departments of the institute conducted about 16 workshops and training programs for skilling the students. Institute is running 3 years ICD programs, starting admission from class 10th, with multiple entry and exit option. The objective is to prepare skilled manpower for the industry and self-employment. Recently, institute is in process to restructure ICD program in line with National Skill Qualifications Framework (NSQF), with an emphasis to introduce more practical content and on job training (OJT) for industrial exposure. Institute promoted vocational education through its non-formal programs under Department of Disabilities Studies (DDS), as well as AICTE sponsored skilled programs. To promote value-based education UHV cell is functioning in the Institute since, 2019, in line with AICTE directives.</p>	
19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	
<p>Though medium of education is English, faculty members deliver in vernacular languages (Hindi, Punjabi) as per the need of the students, such that language should not be a bar in learning. Further as per the appeal of AICTE, the Institute resolved to encourage faculty members to develop learning resources in Hindi and regional languages.</p>	
20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):	
<p>The Institute curriculum was revised in line with AICTE model curriculum 2018, with a focus on OBE. POs and COs are defined for all programs and courses. In June 2021, all the 7 UG programs (BE) are accredited by the NBA for a period of three years. http://academic.sliet.ac.in/files/2022/04/NBA-Accreditation-Letter-2021-for-Under-Graduate-Programs-1.pdf</p>	
21.Distance education/online education:	
<p>Institute gives due importance to the ON-LINE education also. Faculty members developed videos and other online learning resources and uploaded on Institute website. Google Classrooms have been created by all the faculty to facilitate remote learning.</p>	
Extended Profile	
1.Programme	
1.1	36

Number of programmes offered during the year:	
File Description	Documents
Data Template	View File
1.2	11
Number of departments offering academic programmes	
2.Student	
2.1	3304
Number of students during the year	
File Description	Documents
Data Template	View File
2.2	1013
Number of outgoing / final year students during the year:	
File Description	Documents
Data Template	View File
2.3	3291
Number of students appeared in the University examination during the year	
File Description	Documents
Data Template	View File
2.4	0
Number of revaluation applications during the year	
3.Academic	
3.1	35
Number of courses in all Programmes during the year	
File Description	Documents
Data Template	View File

3.2	130
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.3	204
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	1448
Number of eligible applications received for admissions to all the Programmes during the year	
File Description	Documents
Data Template	View File
4.2	686
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
4.3	102
Total number of classrooms and seminar halls	
4.4	1010
Total number of computers in the campus for academic purpose	
4.5	2887.34
Total expenditure excluding salary during the year (INR in lakhs)	
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 is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

Sant Longowal Institute of Engineering and Technology has implemented the Outcome-based or outcomes-based education (OBE) system to make the curriculum relevant to National and Global development needs. The institute follows a multi-entry and multi-exit academic structure. A training program for the faculty members was conducted to implement the OBE system in the institute. To cater to the needs of National requirements, our curriculum was modified as per the guidelines based on the AICTE model curriculum 2018, and UG programs were modeled for 160 credits. Further, the Institute offers Minor and Honors Degree concepts to enhance the student's skills in the desired area. PSOs are defined for each program in the institute to take care of regional and global needs. Further, the COs are defined to take care of POs, and their mapping suggests that aspirations in POs are fulfilled through COs. Based on the implementation of OBE in our institute, the NBA accredited all UG programs in July 2021.

To serve global development needs, the institute has incorporated cutting-edge technologies into its curriculum. like IoT, Machine Learning, Automation, Robotics, E-Vehicle, laboratory practices at Pilot Plant level etc. are now part of our curricula in different branches. In addition, the institute has developed Specialized centers for Automation and IOT.

File Description	Documents
Upload relevant supporting document	View File

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

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/

skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

739

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

00

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

16

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3 - Curriculum Enrichment

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

The institute emphasizes maintaining the environment and sustainability, gender equality, human values, professional ethics, and delivering quality education to students. These crucial components have been incorporated into the course curriculum. The institute is committed to meeting the requirements of program outcomes (POs) and addressing environmental and professional ethics needs. Our academics and co-curricular activities amply cover PO7

(Environment and Sustainability) and PO8 (Ethics) for UG students.

Following courses have been included to inculcate human values and professional ethics, the Environment and its related issues, and awareness towards the Indian constitution among all the students -

- English Communication and Soft Skills (HSMC-401, HSMC-402),
- Universal Human Values (Code MCUG-501)
- Environmental Studies (MCCH-401) Indian Constitution (MCCH-501).
- English for Research Paper Writing and Professional Communication (ACIE-811),
- Research Methodology and IPR (CCIE-811).
- Constitution of India (ACIE-821).

UHV Cell and Internal Complaints Committee organize an Orientation Program for students on human values, professional ethics, and social security from time to time. To Inculcate Environmental and Sustainability Concerns, "No Motor Vehicle Day" and "Natural Light Day" are observed every Friday and Thursday, respectively.

File Description	Documents
Upload relevant supporting document	View File

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

01

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

35

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

669

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

- All 4 of the above

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

1432

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

323

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

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

There is a set mechanism to assess the learning levels of the students and take measures accordingly.

Faculty members are responsible for mentoring and counseling students through the Tutor Guardian and Student Mentor schemes. Each class is assigned a Class Counselor in the first year of admission, who continues to act until the final year.

The semester results are analyzed to identify the bright and weak students. The student's performance in class and internal assessment tests are examined to identify bright and weak students.

Assistance for slow learners: Subject teachers conduct remedial classes. A repeat/summer term facility is available to slow-performing students. Retest of all subjects available to students in all semesters.

Encouragement for Fast Learners: Students are motivated to attend workshops, seminars, and competitive exams (GATE/IES), arranged by the Institute, encouraged through Project Learning, Financial support through the evaluation process, and encouragement to undergo internships in industries. SLIET Merit Scholarship Awards to the top 5% of students. SLIET Quality Publication Award for additional

publications in quality journals with an impact factor above one.
Option for branch change after completion of the first year of the UG program.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	http://sliet.ac.in/tutor-guardian-and-student-mentor-scheme/

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
3304	169

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

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

The institute encourages and provides ample opportunities to the students for experiential learning, participative learning, and problem-solving methodologies, as well as for enhancing learning experiences through curricular and co-curricular activities. A list of these activities is given below:

A) Curricular activities

1. In-house training (for 1st Year Students)
2. Industrial training (14 Weeks during Summer/Winter vacation)
3. Semester-long Internship (During 8th Sem)
4. Major/Minor Projects

B) Extra Academic Activities

1. Extra/Co-curricular activities

2. Educational Tour/ Learning beyond Curriculum (link of budget allocation for the tour)

3. Annual Technical Festival tech-fest

4. Student Club Activities (around 30 clubs)

5. Participation in Outside Project Contest/Hackathon (Financial support for Projects, TA/DA etc)

6. Funding for Innovative Projects from IIC

C) Special lectures/seminars/conferences are organized to encourage and motivate students to become participative agents rather than passive recipients of knowledge.

D) The Institution Innovation Cell (IIC) provides a platform for innovative thinkers to pursue their entrepreneurial ideas.

E) Use of ICT & E-resources by students is encouraged.

F) Participative/Project-Based learning is provided through a Theme-Based Annual Technical Function called "techFEST."

G) Various student clubs of the Institute provide a good platform for students to perform activities for problem-solving, participative learning, and experiential learning.

File Description	Documents
Upload relevant supporting document	View File

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The use of ICT tools is a regular feature of the institute, such as the availability of Smart Class Rooms with interactive boards, PowerPoint Projectors, Online Resources, etc., for effective teaching-learning. Faculty members widely use(d) ICT tools to deliver content to the students through online classes and evaluation processes.

Use G-Suite for delivery of lectures and providing the study material, ICT enabled tools from NPTEL, SWAYAM, Videos developed by the faculty and other MOOCS platforms along with 26 Ultra-modern Smart Classrooms, equipped with bright screen, smart podium, audio

system, and video camera, ICT enabled teaching through

LAN/Wi-Fi-enabled classrooms, Interactive Smart Boards, Language Labs, and Virtual Classrooms play important roles in effective teaching and learning. The Institute Library is equipped with necessary E-Books, E-Journals, Open-Access Resources, and Digital Sections.

To support the teaching-learning process in digital mode, online lectures, expert talks, motivational talks, educational videos, webinars, and web references have been arranged.

The Institute has also created sufficient resources for students to access ICT facilities, such as a central computing facility, 1GBPS Internet Connectivity, and Wi-Fi access in all the Hostels.

Students have also been given access to Printers & Scanners in the academic departments.

File Description	Documents
Upload relevant supporting document	View File

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

2.3.3.1 - Number of mentors

169

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

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

130

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. during the year

112

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

20.8

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	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

28

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

28

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

Nil

File Description	Documents
Upload relevant supporting document	View File

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The institute uses IT for examination procedures and processes through its ERP system. The integration of IT into the examination has immensely helped in the Assessment Process, Preparation & Declaration of

Result and Calculation of OBE Parameters. IT tools used by the institute have brought considerable improvement.

1. Faculty is using the ONLINE Platform to conduct the quiz.

2. The institute has introduced an ERP system for academics and result preparations.

3. The ERP system allows faculty members to calculate OBE Parameters, including Attainment Levels.

4. Integration of IT in the examination includes -

- Online form filling for the examination,
- Approval process,
- Year and Trade wise student data preparation
- Circulation of date sheet,
- Entry and processing of internal assessment and end-term examination marks by the faculty member
- Generation of final award sheet along with grades
- Preparation and publication of results
- Availability of previous sessional marks in case of RETEST.

5. The parameters for the "Reforms in Examination as per AICTE norms i.e., OBE have been incorporated.

6. Answer sheets about Minor as well as end semester examinations are shown to students before the declaration of the result.

File Description	Documents
Upload relevant supporting document	View File

2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The institute is following the OBE pattern of the education system and developed its Course Outcomes (COs) based on the Program Outcomes (POs). Course Outcomes (COs) have been developed for all undergraduate and postgraduate programs, duly approved by the respective bodies of the Institute. Every CO is aligned to one or more POs and measured at the end of the course through CAE and ETE assessments. Assessments are designed specifically to measure the COs effectively and contribute to the POs, mapping them to Program Educational Outcomes (PEOs).

All faculty members prepare a Course File with details of the Course Objectives, Course Outcomes, lecture plan, course modules, assessment and teaching tools, reference material, total number of teaching hours, and credits at the beginning of the academic year.

COs, POs, and PSOs are widely publicized on essential places like departmental webpages and institute websites. At the start of the program, first-year students are given an overview of the program and the course outcomes. The course descriptions and learning objectives can be found on the institution's website. These are displayed in invisible locations like department offices, labs, and the departmental library for the awareness of all stakeholders.

File Description	Documents
Upload relevant supporting document	View File

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The COs of each course have been framed and mapped with corresponding POs. To practice the OBE in the Institute, the attainment of CO is evaluated through Direct and Indirect assessment tools. The result of the attainment of CO is used to evaluate the attainment of Program-Specific Outcomes (PSO) and Programme Outcomes (PO).

CO Assessment Processes: The respective departments carry out direct and indirect assessments through Classroom interaction, Seminars/ tutorials, class assignments, laboratory work, Students' knowledge and skills based on their performance in the CAE, ETE assessments, etc. The Continuous Assessment Examination (CAE) has four components: Minor-I Examination, Minor-II Examination, Quiz, and Assignments.

Direct Assessment Tools: The attainment value to be attained is set as per the percentage of the marks of the questions set to meet the particular CO (Course outcome) in the component.

Indirect Assessment Tools: Indirect attainment is obtained through various surveys e.g. alumni survey, exit (final year students) survey, parents' feedback, employers' feedback, and current student feedback.

PSOs Attainment: Attainment levels for Cos, evaluation of average PO & PSO score and evaluation of PO & PSO attainment.

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

961

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 web link)

<http://igac.sliet.ac.in/student-satisfaction-survey-analysis-report/>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

The institute has a Research and Consultancy (R&C) division under the supervision of the Dean (R&C). The institute has approved rules and regulations for awarding PhD degrees as per UGC/MoE norms, revised in 2018 and updated occasionally.

The institute is targeting "Inter-disciplinary Research" as one of the focus areas, with strategic planning.

1. Fellowships for Ph.D. Program:

The institute offers 118 Fellowships from Grant-in-Aid (GIA) to GATE/NET qualified candidates and 08 fellowships under the ADF category sponsored by AICTE.

2. Engagement of Research Assistants for R&D Activities: There is a provision of the engagement of 30 Research Assistants duly approved by MoE, as per the provisions of PhD rules and regulations of the institute, for enhancing the Research and Development activities.

3. Research/Central Facilities Available in the Institute: The institute has added sophisticated instruments such as an XRD System, FESEM and EDS Systems, GCMS, and a Microprocessor-Controlled Muffle Furnace.

1. Financial Support to faculty under the CPDA Scheme
2. Financial Support to Research Scholars
3. Research Promotion Grant Scheme for Newly Recruited Faculty.
4. Awards for Quality Publications and Externally Funded

Projects.

5. The institute provides uninterrupted access to information and network services with 1GBPS internet bandwidth and over 100 Wi-Fi access points.

File Description	Documents
Upload relevant supporting document	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

50

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

50

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

66

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.5 - Institution has the following facilities to support research
Central Instrumentation
Centre Animal House/Green House Museum
Media laboratory/Studios Business Lab
Research/Statistical Databases Moot court
Theatre Art Gallery

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

60

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

60

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

0.05

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

The following activities demonstrate the existence of an ecosystem for innovations and incubation:

1. Institute Innovation Cell: encourages, stimulates, and nurtures the ideas of young minds with the potential to convert them into prototypes/products or services.
2. Bee keeping and Honey Processing: Innovation and incubation Centre: Research, production of quantity honey and other beehive products.
3. Centre for Innovation is a facility created in the ME department where students undertake fabrication work related to various Projects and competitive events.
4. Centre of Excellence on Microwave and Photonics Technology: to provide innovation and incubation services to academia and industry.
5. Centre of Excellence in Advanced Bioprocesses and Bio-energy: to explore the opportunities to bring sustainability in agricultural practices by developing plant and microbe-derived products that reduce the use of chemical fertilizers. Link: <http://sliet.ac.in/wp-content/uploads/2022/12/Centre-of-Excellence-in-Bioprocesses-and-Bioenergy.pdf>
6. An industry-linked Centre for Training and Research in Automation is established to provide state-of-the-art tools with learner-centric study material, Student Training, etc.
7. Technical Students' Club: Active Student Clubs (Technical) provide a good platform for performing activities to create and transfer knowledge.
8. Centre-of-Excellence-Data-Hives: has been established to train the students in advanced technologies and create momentum in research.
9. Centralized Computational Lab with state-of-the-art high-end 108 PCs for UG, PG students, and research scholars.

File Description	Documents
Upload relevant supporting document	View File

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

4

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

3

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check

A. All of the above

4. Research Advisory Committee

File Description	Documents
Upload relevant supporting document	View File
3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website	A. All of the above
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.4.3 - Number of Patents published/awarded during the year	
3.4.3.1 - Total number of Patents published/awarded year wise during the year	
9	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.4.4 - Number of Ph.D's awarded per teacher during the year	
3.4.4.1 - How many Ph.D's are awarded during the year	
32	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year	
3	

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

79

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

D. Any 2 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

Scopus	Web of Science
4.1	3.6

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

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

Scopus	Web of Science
16	12

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

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

SLIET Longowal has been striving hard to encourage a Research and consultancy culture among its faculty, staff and students. The institute has a well-documented, policy to promote consultancy activities for resource generation. The same was amended in July 2020 with the approval of the Board of Management (BoM). Research & Consultancy activities are coordinated through the Office of Dean (R&C).

Link for Amended Rules and Regulations for Sponsored Research and Consultancy:

<http://rnc.sliet.ac.in/files/2020/08/Amended-Rules-and-Regulations-for-Sponsored-Reserach-and-Consultancy.pdf>

The main objectives of R&C policy are -

- Encourages its faculty to provide knowledge and intellect that are of interest to industry
- To fetch Industry sponsored projects and knowledge updates.
- Resource generation for the institute.
- Establish testing labs/centre

Link for Consultancy and research brochure:

<http://rnc.sliet.ac.in/files/2020/06/Research-and-Consultancy-Brochure.pdf>

Research and Consultancy services are being carried out in several areas, like energy, environment, food and bioprocessing, manufacturing, design, telecommunication, power systems,

nanotechnology, materials, simulation etc. in all departments of engineering, Science and Management. The faculty members and research scholars are being encouraged to undertake Consultancy services to provide technical solutions through expert advice, solving problems, testing, and experimenting. Research project activities for clients from government/corporate houses, industries etc. to generate IRG to the Institute and service to society.

File Description	Documents
Upload relevant supporting document	View File

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

Nil

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

For the holistic development and sensitization of the students in the neighbouring communities, several extension activities are carried out by the institute. These activities are conducted under the umbrella of -

Unnat Bharat Abhiyan

Activities conducted by NCC/NSS Cadets, Happy Club, Electoral Literacy Club

Social Fest, Awareness Seminars

Activities under Unnat Bharat Abhiyan: To sensitize students about their social obligation, Institute has adapted eight villages under UBA, the Flagship Program of GoI, namely (i) Bahadurpur, (ii) Duggan, (iii) Shahpur, (iv) Jharron, (v) Loha Khera, (vi) ManderKalan, (vii)

Kila Bharian. The institute is working for the development of these villages through the active involvement of students. Activities such as - Career Counseling and Awareness about Science & Technology, Awareness about Healthy Life Style, Awareness about Swachhta Abhiyan, Social Evils, Water Conservations, Save Environment Awareness about Organic Farming, etc. The link to the activities being taken by the UBA cell of the institute are available at the following link: <http://sliet.ac.in/unnat-bharat-abhiyan-cell/>

Social Activities by NSS/NCC and Happy Club: Students are motivated to donate and help needy persons/under privileged persons. The NSS/NCC unit of the institute arranges health camps, blood donation camps, Swachatha Abhiyan, literacy drives, social responsibilities awareness camps, national integration, and social harmony etc. In all these activities students are involved as volunteers and display their duties and responsibilities towards society.

File Description	Documents
Upload relevant supporting document	View File

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

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

60

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

25

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

1937

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

8

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

31

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The campus is spread over 451 acres of land. The institute has well-furnished ICT-enabled classrooms (26), Seminar Halls (05), other facilitating rooms (06), state-of-the-art laboratories (119), and excellent computing facilities for nurturing teaching, learning, and research.

The Institute faculty uses ICT-enabled tools from NPTEL, SWAYAM, and other MOOCS platforms, as well as YouTube videos.

The central facility is equipped with high-end, sophisticated equipment, such as a Field Emission Scanning Electron Microscope (FESEM), an Energy Dispersive Spectrometer (EDS), an X-ray diffractometer (XRD) System, an HPLC system, and a Supercritical Fluid Extraction System.

The institute has a two-storied multi-purpose hall (MPH) for conducting the examination and other technical events.

The institute provides uninterrupted access to information and network services with 1GBPS internet bandwidth and over 100 Wi-Fi access points.

The Institute has 1432 Computer systems (993 dedicated to students, 257 for faculty, including 129 laptops, and 182 for office use).

The computational labs have adequate computers, Wi-Fi connectivity, etc. to support practical sessions. The institute has a wide variety of licensed software and provides access to software languages and platforms such as MATLAB, C++, Adobe Photoshop, LINUX, LabVIEW, Ansys, COMSOL Multiphysics, CHEMCAD, Adobe Photoshop, ANSYS, etc.

File Description	Documents
Upload relevant supporting document	View File

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

Following facilities/support listed and described below are available in the institute for the purpose -

Sr. No.
Facility
Area/Capacity/Size/ Number
Main Auditorium
2375 Sqm (1108 Persons)
Mini Auditorium
129.88 Sqm (120 Persons)
J C Boss (ISTE) Hall
380.42 Sqm (400 Persons)
Open Air Stage
2965 Sqm (3500 Persons)
Student Activity Centre (SAC) - Comprising of area for indoor sports, Arts and Craft, Music Room, Gymnasium and Yoga Room
2009 Sqm
Indoor Badminton Courts

02 Number (250 Sqm)

Outdoor Sports facilities

14760 Sqm

Gymnasium

01 (SAC) + 03 (Hostels)

Open Gym

08 numbers

Swimming Pool

400 Sqm.

Multipurpose Hall

1442 Sqm (1000 Persons)

Faculty Club

950 Sqm

Community Centre

729 Sqm

<http://sliet.ac.in/wp-content/uploads/2022/12/4.1.1-Additional.pdf>

Other Highlights:

Department of Sports having SPI (01), PI (01), Sports Coaches(05) Yoga & PT Teacher (01 each for Boys & Girls) Music Teacher (01), Art & Craft Teacher (02) Separate Budget allocation for Sports and Students Activities

Engagement of Sports Coaches/ Budget:<http://administration.sliet.ac.in/files/2021/06/57th-Finance-Committee-Meeting-Agenda.pdf> (Page No. 04)

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

The institute has an area of 451 acres of natural beauty and greenery. The campus extends to a picturesque landscape, buildings of various types and stature, and a metal road network. Medicinal and non-medicinal plants enhance the SLIET Campus ambience.

The Central Library is equipped with modern facilities so that the institute's faculty, staff, and students can best utilize them.

Two guest houses have 42 fully air-conditioned rooms. A 1 MW Grid-Connected Solar Rooftop Power Plant has been installed in the Institute in RESCO mode. Academic Blocks, Administrative Blocks, other Institute buildings, and all hostels are connected through optical fiber to share resources and exchange data.

SLIET is a residential campus with ten (10) hostels for boys and four (04) for girls, accommodating about 3400 students, including about 800 girls.

The institute has its own Health Centre with Medical Officers, Homeopathic and Ayurvedic Consultants, Psychological Counselors, Para Medical Staff, two (02) Ambulance(s), one with a life support system available in the institute.

Bank, Telephone Exchange and Shopping Complex, Faculty Club and Community Centre, Water Treatment Plant, 2 Overhead Tank.

File Description	Documents
Upload relevant supporting document	View File

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

2887.34

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

The Central Library of the institute has a rich collection of 1,09,215 books, including technical books, literature, general awareness, management, social sciences, and humanities. 982 e-books have been purchased in the library for access by library users around the clock.

The book bank facility is being provided to all ICD and UG students. The Central Library has subscriptions to 16 daily newspapers, 92 national and international magazines, and periodicals.

The Central Library is an e-Shodh Sindhu consortium member. The library users have access to the full text of numerous journals from ASME, Economic and Political Weekly, Elsevier Science Direct, IEEE/IET

Electronic Library, J-STOR, Springer Link. The library users have access to various databases like FSTA, JCCC, J Gate, Web of Science, anti-plagiarism software(s), URKUND/The NPTEL

video lectures, and lectures prepared by the faculty.

Central Library uses ALICE for Windows (6.00) Integrated Library Management Software.

The library is partially automated; presently, software is being used to create a book database. Presently, the library has an Online Public Access Catalog (OPAC) facility.

Central Library is Wi-Fi enabled with a seating capacity of 100.

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

134.84

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

584

File Description	Documents
Upload relevant supporting document	View File

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

41

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

The institution has an Administrative Computer Services System (ACSS) Section that maintains Internet Services and Campus-wide Networking.

The following are the IT policies:

To protect the network, Sophos UTM is equipped in the Network for user authentication, Firewall, etc.

Internet login is provided to all users with a variable range of usage data. Faculty and staff have unlimited data; students have 1 to 2GB/day. All users are authorized to change their passwords.

Troubleshooting and the smooth functioning of the Internet and LAN are regular processes in the ACSS Section. The institute is equipped with the latest Networking Equipment to access the resources through LAN and Wi-Fi for all students, faculty, and staff. Individual LAN connections have been provided to all faculty and staff. All Hostels and a few department locations have Wi-Fi facilities. Annually, the Institute allocates a budget for upgrading IT facilities, including Wi-Fi facilities. Upgradation of LAN facilities is done as per requirement.

File Description	Documents
Upload relevant supporting document	View File

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
3304	993

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- ?1 GBPS

File Description	Documents
Upload relevant supporting document	View File

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

B. Any 3 of the above

File Description	Documents
Upload relevant supporting document	View File
Upload the data template	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

2203.67

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

The Institute has an established system for maintaining and utilizing IT support facilities, computers, classrooms, equipment, and laboratories on campus. The physical facilities (academic buildings, hostels, residences, and other buildings) are maintained by the Estate Office, which comprises the Civil (Horticulture, Sanitation and Civil Maintenance) and Electrical Wing. Housekeeping/Sanitation services, as well as horticultural activities, are outsourced on an annual contract basis. The estate officer and AE (Electrical) oversee scheduled maintenance and execution of their budgetary provisions. The Institute also has outsourced security services round the clock.

Maintenance and Utilization of Classroom and Furniture: Sufficient funds are allocated to all departments for equipment repair and maintenance. Based on IQAC's recommendations, a Health Register is

introduced to monitor lab equipment maintenance.

The Sports Department looks after the maintenance of sports equipment, fitness equipment, grounds, and various courts for the Sports Facilities on the Campus. Staff members headed by the Librarian maintain the Library. A dedicated library staff looks after a well-stocked library. The library rules, procedural guidelines, library hours, and details of all resources are available on the library portal of the Institute website.

File Description	Documents
Upload relevant supporting document	View File

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

232

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

218

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution
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
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases
Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

- All of the above

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - 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

38

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

218

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

48

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

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

18

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

As per the Institute's well-structured system of Class Representatives (CRs), Hostel Management Committees, Cultural Committees, Sports Committees, Discipline Committees, Student Placement Representatives (SPR) etc. which are managed by students for institutional development and welfare activities, these systems for students are supported by Faculty Advisors, Warden, Chief wardens, Class.

Counselors, Chief Counselors, etc., who connect with students and resolve the issues of students. The major issues, if any, are resolved in consultation with the Deans and Director. Students also have due representation in the IQAC Cell, Internal Complaints Committee (ICC), different government flagship programs, and various other academic and administrative committees of the institute. Even

the alumni are part of our Board of Studies, Senate, and Board of Management of the Institute.

File Description	Documents
Upload relevant supporting document	View File

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

4

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services during the year

The SLIET Alumni Association is registered under the Societies Registration Act (XXI of 1860). The primary mission of SAA is to connect the Alumni and its Alma Mater along with Students of

SLIET, to get all possible support for their career progression:

- Distinguished alumni are nominated to various institute governing bodies, such as the Board of Management, Senate, Board of Studies IQAC, etc. In addition, alumni serve as guest lecturers, guide new students in orientation programs, and contribute as industry experts and cooperative partners with the institute. Pre-placement talks hosted by alumni benefit students by helping them choose the right career path.
- The institute has a strong alumni network, which is one of the major sources of placement opportunities for the students.
- Conduction of Mock Interviews for students is a phenomenal activity by the prestigious alumni as a part of a brush-up session for placement support.
- The established alumni of this institute benefit us by mentoring the students socially, academically, and professionally in their areas of expertise and thus helping students in smooth sailing from academic to industry.
- Many alumni are entrepreneurs and are in touch with their alma mater to nurture fresh minds towards start-ups.

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload relevant supporting document	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

Vision:

"SLIET shall strive to act as an international podium for the development and transfer of technical competence in academics through formal and non-formal education, entrepreneurship and research to meet the changing needs of society"

Mission:

1. Formal, flexible, modular, credit-based multi-point entry Programs in engineering and technology in areas like Rural development, educational planning, etc.
2. Education and Training in modern technology areas
3. Promotion of self-employment among the students
4. Extension services to the industry, working population, passed out students, social organizations, and institutions of research and higher learning
5. Close interface with the industry to conduct research based on manpower requirements leading to integrated educational planning, curriculum development, and instructional material preparation in the identified area of science, technology, and inter-disciplinary areas

6. Promotion of institute-institute linkages for sustainable development of academics and research

The Board of Management supervises the overall administration. As per MoA, it is integrated asynchronously and flexibly with the Finance Committee, Planning & Monitoring Board, Senate, and BOS. The Board plays a significant role in bringing evolutionary reforms to higher learning, better skilling, and student personality development.

File Description	Documents
Upload relevant supporting document	View File

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

The institution has a decentralized and transparent mechanism in management, administration, financial, and academic affairs as per MoA and GoI norms. It seeks to develop in each member of its community the ability and passion to work wisely, creatively, and effectively for the growth of the Institute.

Department-Level Committees- Each department has around 20 functional committees involving almost all members of the department

(<http://eie.sliet.ac.in/files/2022/08/Deptt.-Committees-26th-July-2022.pdf>) reflecting decentralization and participative management.

Institute-Level Committees- There are around 30 major committees constituted at the institute level involving most of the faculty and staff (<http://administration.sliet.ac.in/files/2022/12/List-of-Committees-constituted-for-carrying-out-various-institutioalactivities-in-the-Institute.pdf>), which further enhances the concept of participative management.

Committees such as ACoFAR is constituted to frame a policy for Direct Recruitment and CAS promotion of Faculty.

The Grievance Advisory Committee (GAC) is constituted as per MoA to resolve the employees' Grievances internally. Statutory Committees- As per MOA of the institute, the following are the statutory committees to run the institute with participation at the highest level-

1. Board of Management (BOM)
2. Finance Committee (FC)
3. Building and Works Committee (BWC)
4. Senate (Academic Council)
5. Planning and Monitoring Board

File Description	Documents
Upload relevant supporting document	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

As per the strategic plans, the institute is now offering ICD, UG, PG, and PhD programs in all prominent domains to cater to National and Global development needs. In July 2021, the NBA accredited all UG programs.

The institution prepares its perspective plan from time to time. The salient points of some of the strategic decisions in the last few years are:

- Revision of curriculum
- Strengthening of academic practices
- Modernization of teaching-learning
- Implementation of the skill development program for students
- Enhancing the number of Centers of Excellence to strengthen relations with reputed institutions Promotion of Consultancy.
- Policy for Recruitment.
- Research Promotions (SLIET Quality Publication Awards (SQPA), SLIET Research Project Award (SRPA))
- Merit Promotion (SLIET Merit Scholarship (SMS))
- Strategic planning through WAR ROOM, NEP 2020 Cell, and Vision Plan 2030
- Steps for Environment-friendly practices.
- Enhance Collaboration with National and International Organizations.
- Improvement in community engagement and outreach programs

The entire plan is being implemented in the following way:

- Orientation programs, FDP, and Staff Training programs were organized
- Seven nearby villages have been adopted under the 'Unnat Bharat Abhiyaan'
- Digital Transformation of the teaching-learning system and skill development:

File Description	Documents
Upload relevant supporting document	View File

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

SLIET is an autonomous body under the Ministry of Education, Government of India. The Board of Management is the apex body of the Institute. It is responsible for defining the role, vision and mission of the institute and thereby setting strategic directions for the desired achievements. The board of management has the responsibility to administer institutional performance. All its decisions and

policies are made in the institution's best interest. Other institutional governance bodies also include

1. Finance Committee,
2. Senate,
3. Building Works Committee
4. Planning & Monitoring Board.

The timely meetings of the BOM, Finance Committee, Senate, and Building Works Committee point to an effective and efficient working style. Further, the timely placement of the MoM of these bodies on the institute website reflects the transparency of the work. Further, the institute appoints Nodal Officers and Committees for statutory and administrative requirements. CVO, RTI cell, IQAC, ICC, IIC, SC-ST & OBC-EWS Cell, Scholarship cell, Anti Ragging Cell, Grievance Advisory Committee etc. are available to provide a good working environment to students and employees. For the service conditions of the employees, the Institute follows CCS rules. AICTE norms are adopted for the appointment and promotion of the faculty members.

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation

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

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

The institute has a well-defined system for performance appraisal of its employees. The self-appraisal Performa for teaching and other staff members is regularly reviewed to incorporate the system's changing needs.

Following are some of the welfare measures for Staff:

1. Casual Leave/Restricted Holiday/Medical Leave/Earned Leave to all the employees as per Government of India (GOI) norms
2. Pay-scales as per AICTE/ GOI norms
3. Gratuity as per GOI norms Group Insurance (GIS)
4. Contributory Provident fund (As per GOI)
5. Medical benefit - A primary health Centre has been set-up in the campus to cater the multifarious needs related to the health of the SLIET campus residents. Further, all the medical expenses are reimbursed as per CGHS rates
6. The institute has a Bank, Shopping Complex, Community Centre, Faculty Club, Guest House, swimming pool, open gymnasium, playgrounds etc. for the employees.
7. Professional Development Allowance for Professional Growth-Financial support provided to faculty members for

participating in National or International Conferences, Workshops, FDPs, and professional society membership.

8. CAS as per AICTE norms for Faculty. Career development schemes have been framed by the institute to improve the knowledge and professional skills of faculty members.

9. Seed Money to newly inducted faculty members for initiating a new project work.

10. STTPs and FDPs are arranged regularly.

File Description	Documents
Upload relevant supporting document	View File

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

158

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

79

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

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

The institute mobilizes funds in a planned and systematic manner. The main sources of funds are -

1. Ministry of Education as Grant-in-Aid, and
2. Funds received from IRG e.g. Students Fees & Hostel Fees etc.
3. From externally funded projects such as TEQIP, AICTE, DST, etc
4. Donations, Research & Consultancy, Training programs etc

All transactions are made digitally. The mobilization and utilization of the fund are made systematically for the following main activities -

1. Disbursement of Salary & other benefits to the faculty and staff members,
2. Expenditure towards the cost of infrastructure development and augmentation, regular maintenance of the buildings and other facilities of the campus.
3. For updating the academic facility through procurement of new Laboratory equipment and purchasing consumables.
4. Purchase of books, journals, e-journals and e-books for the library.
5. Organizing academic activities such as seminars/workshops/STTPs for faculties and students,
6. Development of Research & Development facility.
7. To organize student activities such as cultural fest, technical fest, sports etc
8. Recurring expenditures such as electricity, internet, security and other running expenses.
9. Establishing the Centre of Excellence. Training programs for Students

File Description	Documents
Upload relevant supporting document	View File

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

8507

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

Nil

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.4 - Institution conducts internal and external financial audits regularly

Being a CFTI SLIET, Longowal mandatorily follows and conducts both independent external audits (statutory audits) and internal audits. The external audit is conducted annually using generally accepted auditing principles as relevant regulatory authorities prescribe. A Comptroller & Audit General (CAG) team in India conducts the institute's audit.

The audit processes followed in the institute are defined as -

Pre-Audit- This is for all Internal Audit Cell proposals (IAC) proposals. To strengthen the Internal Audit Cell (IAC), the institute appointed two audit officers (Retd from AG Office), through the Institute of Public Auditors of India (IPAI) in 2020.

Internal Audit- By Chartered Accountant periodically (usually every month)

External Audit-By India's Comptroller and Auditor General (CAG). CAG conducts a Special Balance Sheet audit (once a Year) and a Transactional Audit (once a Year).

The external auditors also review the procedural and transactional compliance status of all SLIET, Longowal financial transactions.

The audit reports are placed in the Finance Committee (FC) and published in the Annual Report of the Institute for laying the House

of Parliament.

File Description	Documents
Upload relevant supporting document	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

The IQAC at SLIET was constituted on 16th February 2013. Since then, it has been performing the following tasks regularly, with a vision to streamline the quality initiatives of the institution:

1. To develop a system for conscious, consistent, and catalytic action to improve the academic and administrative performance of the institution.
2. Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from stakeholders
3. Provide input on best practices prevailing in the institute to efficiently utilize resources and provide better services to students and staff.
4. Provide input for academic and administrative audits and analysis of results for improvement in the respective areas.
5. At the 10th IQAC meeting in November 2021, the faculty members were asked to develop e-contents in the students' interest.
6. The 13th meeting, held in June 2022, emphasized the need to formulate guidelines and proforma to standardize question papers and course files because of the OBE pattern.
7. In the 17th and 18th meetings of IQAC, the emphasis was on the following issues:
 - All regular faculty members are registered on the E-Vidwan portal, which has resulted in a fivefold improvement in Google Scholar citation score.
 - Continuing efforts are being made to register regular faculty members on different portals, such as Orcid, Scopus, researchers' IDs, and Google Scholar, with verification with

institute email IDs, to improve the overall research perception.

- Improvements in MoUs with academic institutions and industries globally for training, internships, and placements

File Description	Documents
Upload relevant supporting document	View File

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. Any 5 or all of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting documnent	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

The IQAC is dedicated to adopting the learner-centric approach in teaching-learning progression and a periodic review on the methodology is always initiated. Institutional IQAC offers support and guidance to the faculty regarding the current pedagogical trends worldwide. To achieve learning outcomes, the IQAC periodically analyses the teaching-learning process and recommends regular development, up-gradation, and addition of the necessary teaching methodology, techniques, and infrastructure.

Based on the inputs from the 2nd cycle NAAC Peer Team, the Institute has made several efforts to implement the curriculum and syllabus effectively (including more interdisciplinary subjects) and to change pedagogically from conventional teaching-learning to modern, state-of-the-art smart classroom teaching.

A few specific efforts are listed below-

To Improve Research, Sponsored Projects and Consultancy -

1. Framing of policy for Consultancy (rules were framed in 2013)
2. Research Promotions (SLIET Quality Publication Awards (SQPA), SLIET Research Project Award (SRPA))
3. Seed Money and PDA for Project Work
4. Identify thrust Area- Technology for Agriculture
5. Computerization of Activities-
 - ERP implemented Grievance redressal Mechanism- Implemented
 - Policy for Recruitment (CAS and Direct) through forming ACoFAR.
 - Merit Promotion (SLIET Merit Scholarship (SMS))
 - Strategic planning through WAR ROOM and Vision Plan 2030
 - Implementation of environmentally friendly policies
6. Constitution of NEP cell in the institute to implement NEP 2020
7. Strengthening of institute faculty database on the E-Vidwan portal
8. Continuing efforts to register regular faculty members on portals such as Orcid, Scopus, researchers' IDs, and Google Scholar with institute email ID verification.
9. Improvements in MoUs with academic institutions and industries globally.

File Description	Documents
Upload relevant supporting document	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

The institute is concerned about gender sensitivity and equity. Various events related to sensitization and creating awareness are organized from time to time. The same are addressed through the following:

Internal Complaint Committee (ICC): The composition of the ICC is as per the norms of UGC, which organizes various programs about gender sensitivity and equity from time to time.

Safety and Security: The following are the vital parts of the drive for Safety and Security:

- Representations of female faculty/ staff in Institute administration.
- Zero tolerance policy for gender discrimination among employees & students.
- Female caretakers and Wardens are deployed in Girls' hostels.
- Female Security Personnel are deployed at sensitive & isolated locations for the safety & security of girl students.
- CCTV cameras are installed in the campus and hostels.
- Emergency contact numbers are displayed all through the campus.
- Female staff deployed at the Health Centre
- Separate female ward and day care facility in Health Centre
- Fee Waiver to girls of Economically Weaker Sections
- Visiting counsellors who keep in touch with girls and even conduct counselling sessions in the hostels.

Common room is available for boys and girls and students utilize these for common discussions during free classes.

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	Circular-dated-20.09.2022.pdf (sliet.ac.in) Handbook-on-Human-Values-and-Professional-Ethics.pdf (sliet.ac.in)
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	http://sliet.ac.in/wp-content/uploads/2023/06/Circular-ICC.pdf http://sliet.ac.in/wp-content/uploads/2013/12/Doc1.pdf http://hc.sliet.ac.in/facilities-2/ http://hostel.sliet.ac.in/facilities-provided-for-women-in-terms-of-common-rooms/

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

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

SLIET adopts environment-friendly practices and takes necessary actions such as - waste management, waste recycling, energy conservation etc. A proper waste management system with separation of wet and dry waste exists in the institute.

Solid Waste Management: Each department, hostel, residential complex, shopping complex of SLIET as well as administrative offices, the waste is collected in small waste bins located at designated places.

In-house production of manure and Vermin-Compost - The tree leaves, plants, grass and other green waste are transported through an Institute tractor by the horticulture workers to the isolated area on the campus and dumped in the pits meant to produce compost.

Liquid Waste Management - Liquid waste is managed through an open Oxidation Pond and then the treated water is used for irrigation purposes.

Biomedical Waste Management—Biomedical waste collected in the Health Centre is handed over to the AUTHORIZED SCRAP MERCHANT at regular intervals.

E-waste Management- E-waste is generated from departments/laboratories and includes out-of-order equipment or obsolete items, which are disposed of through a Notice Inviting Quotation or E-tender by the Store & Purchase department

Hazardous Chemical Waste Management—SLIET does not generate hazardous waste and can be classified as a conditionally exempt small quantity.

File Description	Documents
Upload relevant supporting document	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
Upload relevant supporting document	View File
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 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
Upload relevant supporting document	View File
7.1.6 - Quality audits on environment and energy are regularly 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: <ol style="list-style-type: none"> 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
Upload relevant supporting document	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
Upload relevant supporting document	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)

Tolerance, integrity, cultural, linguistic, and socio-economic harmony are best achieved through the celebration of festivals, rituals and National days like Saraswati Puja, Ganesh Puja, Durga Puja, Prakash Parv, Holi, Shivratti, Buddha Purnima, Baisakhi, Rakhi, Janmashtami, Eidal-Fitr, Eidul Zuha, Vijaya Dashmi, Diwali, Guru Nanak Jayanti, Christmas etc. The students and faculty members are consistently motivated towards the cultural and regional heritage of the Nation through the celebration of National Youth Day, Republic Day, Independence Day, Ambedkar Jayanti, Women Day, Matra Bhasha Divas, National Girl Child Day, World Environment Day, National TreePlantation Day, National Sports Day, Independence Day, Gandhi Jayanti, Rashtriya Ekta Divas, Rashtriya Janjatiya Gaurav Divas etc.

Events like Blood Donation Camp, and Foundation Day are celebrated that integrate students across diverse backgrounds towards National harmony and Integrity.

Events like Mock parliament drives, debate competitions, extempore presentations, and documentary preparation on societal issues nourish the culture of tolerance and perseverance.

Annual Cultural and Technical Festivals (Madhuram and Techfest) are organised every year. A "Universal Human Value Cell" is active in the institute. Ek Bharat Shreshtha Bharat (EBSB) an initiative of AICTE cell is also active in the institute

File Description	Documents
Upload relevant supporting document	View File

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

Adherence to the Constitutional rights and duties is maintained through several initiatives such inclusion of separate mandatory courses through 'The Constitution of India' & "Professional Ethics" for all students in their semester studies.

The Induction cum Orientation Program is planned and organized for the newly admitted students to sensitize students about -

1. Academic Rules and Regulations
2. Campus Living
3. Hostel System
4. Students Club Activities, Co-curricular activities
5. Group Learning, Team Spirit
6. Training & Placement activities
7. Counseling Systems etc.

Special sessions are also planned on Sports/PT/Yoga/Meditation, Career Counseling, Professional Ethics and Motivation from internal as well as external experts.

Electoral Literacy Club is active in the institute, to arrange awareness on current issues like Electoral Reforms among students and staff.

Students are motivated to donate and help needy persons/underprivileged persons. The NSS/NCC unit of the institute arranges health camps, blood donation camps, Swachatha Abhiyan, literacy drives, social responsibilities awareness camps, national

integration, and social harmony etc.

To sensitize students about their social obligation, the Institute has adopted eight villages under UBA, the Flagship Program of GoI, The Institute is working for the development of these villages. Blood donation camps are organized on campus at frequent intervals in which students and faculty members actively participate.

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

All of the above

File Description	Documents
Upload relevant supporting document	View File

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

Celebration of Important Events/Festivals:

The institute organizes various National and International commemorative events and festivals, and Flagship Programs of GOI like International Women's Day, World Environment Day, Teacher's Day, International Yoga Day & Samvidhan Divas/ Constitution Day, Swatch Bharat Abhiyan, Fit India Mission. Festivals such as Saraswati Puja, Ganesh Puja, Durga Puja, Prakash Parva, VijyaDashmi, Baisakhi etc. are also celebrated.

Republic Day and Independence Day are celebrated with great vigour and enthusiasm. Cultural programs, Joint parades by boys and girls NCC cadets, conferring of Quality publications and research project awards are the unique features.

International Day of Yoga is celebrated annually on 21st June. Yoga is regularly organized on the campus premises to strengthen physical, mental and spirituality among residents under the guidance of trained Yoga and PT Teachers.

Important days related to education such as Teacher's Day, Engineers' day and National Education Day are celebrated in the Institute.

The Institute having students from different states of India, celebrates traditional Days to promote unity in diversity every year.

To promote the use of Raj Bhasha Hindi, Raj Bhasha Hindi Samiti play an active role, Hindi Divas is celebrated every year on 14th September.

File Description	Documents
Upload relevant supporting document	View File

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

Innovative Practices Related to Academics-

1. Academic Practice to Carefully Identify Fast and Slow Learners

1. Strategic Planning for Academic Progress

ii) Motivation for Innovative Practices

2. Objectives of the Practice

1. To fetch 10th-class students (with pass percentage), in the mainstream of technical education (ICD Program),

2. Promotion of eligible students to UG (BE) program (through LEET), and

3. Sink/Coordination with students admitted through JEE (Mains)

3. The Context

Students, getting admission, from far-off places after the 10th class, are not grown up enough, to face the challenges in the field of technical education.

4. The Practice

Identification of different levels of students is a challenging task, and publicly making such discrimination is fraught with dangers. Performance Monitoring through -

1. Classroom performance monitoring by the Subject Teachers

2. Progress monitoring by Class Counselors and Tutor Guardians scheme

5. Evidence of Success

A few success stories enlisted below speak the same:

<http://ct.sliet.ac.in/alumni-portal/>

<http://cs.sliet.ac.in/alumni/>

<http://ece.sliet.ac.in/distinguish-alumni/>

<http://fet.sliet.ac.in/alumni-success-stories/>

<http://mech.sliet.ac.in/alumni-portal/>

6. Problems Encountered and Resources Required

Some of the problems faced by the institute by the students are -

1. It is a challenging task to channel the energy of students studying at different levels, from different backgrounds.

2. Issues related with equivalency for competitive exams and government jobs/PSU

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)

1. To educate RURAL youth with FINANCIALLY HUMBLE and &EDUCATIONALLY disadvantageous backgrounds through a Multi-Entry Multi-Exit modular pattern of education.
2. It provides formal education and training to persons from unorganized sectors and school drop-outs to acquire basic technical skills for entrepreneurship and self-employment. Provision for lateral entry is also projected. To provide job opportunities through skill development, entrepreneurship is the main focus of the Institute.

3. As an outcome of restructuring the students are now able to earn engineering degrees in 6 years after 10th class (2+1+3), as compared to 7 years (2+2+3) before 2014. This facilitated the institute to align their program duration as per the National Academic Structure, keeping the distinctiveness and Vision of the institute i.e. to bring 10th class students with pass percentage in main stream of technical education through skill development.
4. The institute has offered a multi-entry and multi-exist modular pattern of education, for the last three decades, which is in line with the NEP-2020. To fulfil national needs and Punjab being an agriculture-based state, SLIET has recently projected "Technology for Agriculture" as one the main focus areas of research.

Institutional Distinctiveness on the Institutional Website

<http://iqac.sliet.ac.in/files/2022/12/7.3.1>

7.3.2 - Plan of action for the next academic year

- Implementation of NEP-2020
- Upskilling of faculty and staff of the Institute
- To further improve the co-curricular and extra-curricular activities for students.
- To motivate the Faculty/Students for Research and Consultancy and improve the institute's perception in this area.
- Efficient utilization of institute infrastructural resources.