



## YEARLY STATUS REPORT - 2020-2021

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>	
	Sant Longowal Institute of Engineering and Technology, Longowal
• Name of the Head of the institution	Prof. (Dr.) Shailendra Kumar Jain
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	01672253100
• Mobile no	+919478400840
• Registered e-mail	director@sliet.ac.in
• Alternate e-mail address	deanacad@sliet.ac.in
• City/Town	Longowal/ Sangrur
• State/UT	Punjab
• Pin Code	148106
<b>2.Institutional status</b>	
• University	Deemed
• Type of Institution	Co-education
• Location	Rural

• Name of the IQAC Co-ordinator/Director	Prof. (Dr.) A.S. Arora				
• Phone no./Alternate phone no	01672253240				
• Mobile	09463217074				
• IQAC e-mail address	iqac@sliet.ac.in				
• Alternate Email address	ajatsliet@yahoo.com				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="http://sliet.ac.in/wp-content/uploads/2021/05/AQAR-Report-for-the-academic-year-2019-20.pdf">http://sliet.ac.in/wp-content/uploads/2021/05/AQAR-Report-for-the-academic-year-2019-20.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="http://academic.sliet.ac.in/files/2021/02/ACADEMIC-CALENDAR-EVEN-SEMESTER-2020-21-1.pdf">http://academic.sliet.ac.in/files/2021/02/ACADEMIC-CALENDAR-EVEN-SEMESTER-2020-21-1.pdf</a>				
<b>5.Accreditation Details</b>					
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
<b>6.Date of Establishment of IQAC</b>			16/02/2013		
<b>7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.</b>					
Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	0	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>			01		
• The minutes of IQAC meeting and			Yes		

<p>compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)</p>	
<ul style="list-style-type: none"> <li>(Please upload, minutes of meetings and action taken report)</li> </ul>	<p>No File Uploaded</p>
<p><b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b></p>	<p>No</p>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	<p>0</p>
<p><b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b></p>	
<p>a. Implementation of ERP for academic purposes</p>	
<p>b. Online no dues/registration/certificates/Fee Collection for students during Pandemic</p>	
<p>c. Conduction of Administrative and Academic Audit</p>	
<p>d. Energy conservation measures-Installation of 1MW rooftop solar power, awareness about energy saving (No Vehicle day/ office order circulation by email)</p>	
<p>e. Creation of Smart Classrooms and support for Online teaching</p>	
<p><b>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</b></p>	
Empty space for plan and outcome	

Plan of Action	Achievements/Outcomes				
CBT for Entrance to Ph.D. and PG Programmes	Implemented even for UG also(Helped during Pandemic)				
Training Programs for Non-Teaching staff	Conducted two such programs for better usage of computer by non-teaching staff. It helped the staff members to improve/upgrade their computer skills				
Providing support for online teaching from CPDA to faculty members	Almost every faculty member purchased gadgets like webcam,				
Improve industrial Interaction	Registration for Board of Apprenticeship Training/Practical Training (BOAT), Increased accessibility of industry to the students				
Effective conduct of Laboratory by maintaining the equipment	Health registers for equipment finalised and implemented.				
To Facilitate the students for online teaching by creating Short videos	Many faculty members created such videos and alternative exercises for Training and Project work .				
Adhering to academic calendar in spite of Pandemic situation	Academic calendar was followed and results were declared on time				
<b>13.Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>				
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>					
<table border="1"> <thead> <tr> <th>Name</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>SENATE, SLIET</td> <td>12/07/2022</td> </tr> </tbody> </table>		Name	Date of meeting(s)	SENATE, SLIET	12/07/2022
Name	Date of meeting(s)				
SENATE, SLIET	12/07/2022				
<b>14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?</b>	<b>Yes</b>				
<b>15.Whether institutional data submitted to AISHE</b>					

Year	Date of Submission
2020-21	17/02/2022
<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	05
1.2 Number of departments offering academic programmes	11
<b>2.Student</b>	
2.1 Number of students during the year	3766
2.2 Number of outgoing / final year students during the year:	1138
2.3 Number of students appeared in the University examination during the year	3584
2.4 Number of revaluation applications during the year	0
<b>3.Academic</b>	
3.1 Number of courses in all Programmes during the year	37
3.2 Number of full time teachers during the year	134
3.3 Number of sanctioned posts during the year	0
<b>4.Institution</b>	

4.1	2545
Number of eligible applications received for admissions to all the Programmes during the year	
4.2	667
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
4.3	79
Total number of classrooms and seminar halls	
4.4	1329
Total number of computers in the campus for academic purpose	
4.5	3746.31
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

The institute has implemented OBE system to make the curriculum relevant to National and Global development needs. The institute is following multi-entry and multi-exit academic structure. To implement OBE system in the institute, training program for the faculty members were conducted. To cater the needs of National requirements, our curriculum was modified as per the guidelines of AICTE based on AICTE model curriculum 2018 and UG programs were modelled for 160 credits. Further Institute is offering Minor and Honours Degree concept to enhance the skills of the students in the desired area. All UG programmes are accredited by NBA in July, 2021.

In our vision plan SLIET Vision - 2030, the institute has taken up technology for Agriculture sector as core area of research to serve the local needs. This program include efforts for precision agriculture to support delivery of fertilizers, monitoring of crops etc. Further, the development of farm equipment, soil quality maintenance, marketing of agriculture produce are other arears in

which institute is focussing its energy. The information may be assessed by visiting the following link:

<http://eie.sliet.ac.in/about/vision-mission/>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

10

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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

22

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 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

03

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

05

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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 takes care of including all these issues in its curriculum. The programme objectives (POs) have been outlined for our students, as under:

1. PO7 - Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
2. PO8 - Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

The information may be assessed by visiting the following link:

<http://eie.sliet.ac.in/about/vision-mission/>

These POs are adequately mapped to the course curriculum like Mandatory Course - <http://eie.sliet.ac.in/files/2020/05/Scheme-and-Syllabi.pdf>

1. MCCH-401 Mandatory Course - 1: Environmental Studies
2. MCMH-501 Mandatory Course - 2: Indian Constitution

Universal Human Values Cell (UHV Cell) is also established in the Human values are covered in the Orientation Programmes for the newly joined students Orientation-Programme-UG2020.pdf (sliet.ac.in).



File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

08

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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

1920

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

513

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 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	<a href="#">View File</a>

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

- Feedback collected and analysed

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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**

417

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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

The institute has well structured academic programs and all the students are assessed throughout the semester through minors, quizzes and assignments and finally with a end semester examination.

The students who are not able to do well in particular subject are offered several avenues for improvement though repeat examinations, retest examinations, summer term. To cope up in particular subjects, students not doing so well are looked up by the concerned teacher during the normal.

Advance learners are encouraged through project based learning, with involvement of slow learners in the group. Further TEACHER GUARDIAN SCHEME and Student Mentor Scheme are also implemented to keep track on students' learning and other concerns. <http://sliet.ac.in/tgs-and-sms-lists-for-academic-session-2020-2021-old-lists/>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link For Additional Information	<a href="http://sliet.ac.in/tutor-guardian-and-student-mentor-scheme/">http://sliet.ac.in/tutor-guardian-and-student-mentor-scheme/</a>

### 2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
3584	167

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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

Institute provides ample opportunities to the students for experiential learning, participative learning and problem-solving methodologies and for enhancing learning experiences through its curricular and co-curricular activities. List of these activities are given below:

#### A) Curricular activities

1. In house training
2. Industrial training
3. Projects

**B) Extra Academic activities**

1. Co-curricular activities
2. Techfest
3. Various Students Clubs
4. Participation in Hackathon

Participative learnings provided through annual technical function mentioned as Techfiest, held each year. A large number of students participate in project making and activities give them enough exposure for experiential learning and participating learning and problem solving.

Various student clubs provide a good platform to the students for performing activities for problem-solving participative learning and experiential learning. Details are available at following links:

<http://sliet.ac.in/software-development-club/>

<http://sliet.ac.in/sliet-robotics-and-automation-societysars/>

<http://sliet.ac.in/endeavour-society/>

<http://sliet.ac.in/science-club/>

<http://sliet.ac.in/ieee-student-branch-sliet/>

<http://sliet.ac.in/sae-india-sliet-collegiate-club/>

<http://sliet.ac.in/maverics-club/>

<http://sliet.ac.in/sliet-electoral-literacy-club/>

<http://sliet.ac.in/happy-club/>

<http://sliet.ac.in/persona-sliet/>

<http://sliet.ac.in/sliet-strategic-society/>

<http://sliet.ac.in/internwell-club/>

Further the Institute curriculum has three major components for experiential learning, participative learning and problem-solving methodologies, so student has to go compulsorily for all the three components as mentioned above.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

The Institute faculty uses ICT enabled tools from NPTEL, SWAYAM and other MOOCS platforms along with YouTube videos for effective delivery of different courses. During the pandemic period, the Institute faculty has given leads to such resources for various activities. Following resources are also available in the Library:

#### E-Resources

Guidelines for Fair use of E-Resources (<http://library.sliet.ac.in/e-resources/fair-use-of-e-resources/>)

E-Books (<http://library.sliet.ac.in/e-resources/e-books/>)

E-Journals/ Databases (<http://library.sliet.ac.in/e-resources/e-journals-databases/>)

Open Access Resources (<http://library.sliet.ac.in/e-resources/open-access-resources/>)

Online Thesis & Dissertations (<http://library.sliet.ac.in/e-resources/online-thesis-dissertations/>)

Online Video Lectures (<http://library.sliet.ac.in/e-resources/online-video-lectures/>)

Anti Plagiarism Software (<http://library.sliet.ac.in/e-resources/anti-plagiarism-software/>)

During the period of pandemic, the Institute has widely used ICT to deliver the content to the students through online classes and evaluation process. The Institute faculty used G-Suite (Google Class Room) for delivery of lectures and providing the study material.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

**2.3.3.1 - Number of mentors**

129

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**2.4 - Teacher Profile and Quality**

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

134

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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**

100

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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**

134

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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**

09

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

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

30

#### 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

30

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

0

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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 is using IT for examination procedures and process in three different categories:

1. Assessment Process
2. Preparation of Result
3. Calculation of OBE Parameters

In process 1. The Institute faculty is using online platform for conducting the quiz and during the pandemic, all other examinations

were also held in online mode using various IT enabled tools.

2. The Institute has recently introduced ERP system for academics whereby all the result preparations are being carried out through the ERP system. The ERP system allows the faculty members to enter the marks for continuous assessment and end semester assessment.

3. ERP system also allows the faculty members to calculate various OBE parameters including the attainment levels.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

B. Only student registration, Hall ticket issue & Result Processing

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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 Institution is following OBE pattern education system (generic POs from AICGTE are adopted in all the course curriculums. POs and PSOs have been defined programme wise. Each programme syllabus contains course outcome and CO-PO matrix and each department is given its programme and its scheme and syllabus has been uploaded on their websites.

<http://ece.sliet.ac.in/files/2021/03/UGsyllabus2k16batch.pdf>

<http://eie.sliet.ac.in/syllabi/>

<http://eie.sliet.ac.in/syllabi/>

<http://fet.sliet.ac.in/files/2021/03/BE-Syllabus-FT-2016-1.pdf>

<http://mech.sliet.ac.in/files/2021/02/UG-Scheme-GME-2016-onward.pdf>



<http://mech.sliet.ac.in/files/2012/02/UG-Scheme-GWT2.pdf>

<http://cs.sliet.ac.in/files/2021/04/UG-2016-17-Batch-Final-study-scheme.pdf>

<http://ct.sliet.ac.in/files/2021/03/Study-Scheme-2020-onwards-BE-Chemical-Engineering.pdf>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

#### Direct Assessment Tools

1. Map question papers with Cos : Each question paper is mapped with COs percentage contribution of each CO is evaluated
2. When added horizontally, COs should add up to 100% : A target score has to be set for each assessment tool (minors, quiz, end semester exam). It is based on continuous assessment of the class by the faculty, quality of question paper and previous performance of students.
3. Set target marks for each assessment tool
4. Evaluate target CO score for each CO
5. Evaluate CO score attained by each student
6. Evaluate percentage CO attainment

- Attainment Level 1

The final CO direct attainment is < 50%

- Attainment Level 2

The final CO direct attainment is between 50% -60%

- Attainment Level 3

The final CO direct attainment is > 60%

1. Attainment levels for Cos
2. Evaluate average PO & PSO score : Target PO & PSO score is calculated by converting CO-PO/CO-PSO correlation factors from CO-PO/CO-PSO map given in the syllabus into numerical values
3. Evaluate PO & PSO attainment :

## Indirect Assessment Tools

- Alumni Survey (5 -point scale)

<https://www.dropbox.com/s/y6jb0617vb1g8t1/Alumni-Feedback%20Performa.pdf?dl=0>

- Employer Survey (5 -point scale)

<https://www.dropbox.com/s/g0t0z2adzsgeki1/employer%20feedback%20prof orma.pdf?dl=0>

- Student Survey (4 -point scale)

<https://www.dropbox.com/s/584xow8txnzalih/student%20feedback%20perfo rma.pdf?dl=0>

## Percentage Attainment for Each PO

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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

1012

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 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://iqac.sliet.ac.in/files/2022/05/Student-Satisfaction-Survey-Analysis-Report-SSS-Analysis-Report-cum-Exit-Survey-Report-for-the-Academic-year-2020-21.pdf>

## 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 faculty is actively involved in R& D activities in diverse fields of Science and Engineering. Augmenting the existing facilities in the institute and adding more analytical instruments shall help them to explore the new ideas of research in the thrust areas/focused areas of research to meet out the requirements of students and the outside world (<http://rnc.sliet.ac.in/files/2020/06/Research-and-Consultancy-Brochure.pdf> ).

The institute offers Fellowships to the students having qualified GATE/NET examination (<http://rnc.sliet.ac.in/files/2012/09/Ordinance-s-Rules-and-Regulations-for-PhD-Degree-2018.pdf> ). R&C broacher is prepared to promote research and consultancy activities.

A central facility is created with instruments, such as, XRD System, FESEM and EDS system, GCMS etc, in addition to facilities at the department level <http://sliet.ac.in/i-stem/>

For collaborative research at National/International levels institutions and industry, the faculty of institute is signing the MOU to explore the possibilities of research in the thrust areas. SLIET research promotion awards (SQPA) are awarded to the faculty for getting externally funded research projects.

<http://rnc.sliet.ac.in/files/2021/12/SQPA-SRPA-Awards.pdf>

SLIET publication awards (SRPA) are given to the research students for publishing the research papers in WOS/Scopus journals.

<http://rnc.sliet.ac.in/files/2021/12/SQPA-SRPA-Awards.pdf>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

3.10

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

01

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

32

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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**

**B. Any 3 of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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**

0

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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)

0

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

38.66

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

0037

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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

SLIET innovation Centre was established on 21st November 2018 to

create an ecosystem of Innovation and Incubation. This cell encourages, stimulates, and nurtures the ideas of young minds that have a great potential to convert their ideas into prototype /product or services. The Innovation Cell includes faculty, staff members, students, alumni, and experts from the industry that can motivate and translate technological innovations to the societal development of our country.

The cell has a separate infrastructure and is assessable to students with all the necessary resources. The institute reserves a separate fund to support students to build product and service.

The main objective of the cell is to promote project-based learning and helping selected ideas to lead towards Startup and entrepreneurship. Financial support is granted for students innovation projects upto Rs. 50000/-.

<http://iic.sliet.ac.in/>

<https://drive.google.com/drive/folders/18u8ARtiOZSIqDkq2Oxx68aBWMkc6mIzU>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

20

**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**

20

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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**

06

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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**
- 4. Research Advisory Committee**

**A. All of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 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

10



File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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

33

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

2

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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

33

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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**

**A. Any 5 or all of the above**



File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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
4.56	4.56

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 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
22	22

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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

As per Rules and Regulations for Sponsored Research and Consultancy page No. 14, there is a policy provisions available for revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy. Link is as under:

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

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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)**

0.54

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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

1. Orientation Programme (28.8.2020 and 11.11.2020)
2. Campaign for Blood Donation (Nov./ Dec, 2020)
3. COVID-19 awareness campaign and Quiz (Sept., 2020)
4. Tree Plantation Drive (15-25 Feb, 2021)
5. Help the needy Drive (during COVID situation online)
6. Home cleanliness Drive (12.11.2021 & 26.01.2021)
7. Pledge Ceremony (Rashtriya Ekta Divas- online) Birth Anniversary Sardar Vallabh Bhai Patel (31.10.2020)
8. International Yoga Diwas Celebration (21.06.2021)

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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**

06

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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)**

**13**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

**625**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### **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	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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**

20

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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 institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment etc. The AICTE, New Delhi is the statutory body to approve the courses. The Institute applies for approval from time to time with AICTE and the Extension of approval granted by AICTE, New Delhi is available at the following link for the Academic year 2020-21:

<http://academic.sliet.ac.in/files/2020/07/AICTE-EOA-2020-21.pdf>

On these aspects the Institute has never got any deficiency.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

**BASKETBALL:** There are 02 cemented flood lit basketball courts in Sports Complex

**LAWN TENNIS:** There are 02 concrete flood lit tennis courts in Sports Complex

**BADMINTON:** There are 02 cemented badminton courts in faculty club, 01 each court in all 13 hostels. Two indoor badminton courts with synthetic mat.

**VOLLEYBALL:** There are 03 flood lit volleyball courts in Sports Complex along with 05 in hostels.

**TABLE TENNIS:** T.T. facility is available in SAC, Girls hostels and Boys hostels.

**CHESS:** Chess facility is available in SAC, Girls hostels and Boys hostels.

**CARROM:** Carrom facility is available in SAC, Girls hostels and Boys hostels

**FOOTBALL:** 01 football ground is available in Sports Complex.

**HANDBALL:** 01 Handball ground is available in Sports Complex.

**SWIMMING POOL:** 25 mts. Swimming pool is available for students.

**400 mts.TRACK :** 400 mts. Running cinder track is available in stadium.

**CRICKET:** Cricket facility is available in stadium.

**SQUASH:** 02 squash courts are available in Students Activity Centre.

**GYM :** Gym equipped with latest fitness machines is available in Students Activity Centre, faculty club and girls hostel..

**OPEN GYM:** Open gym with 05 stations each at 04 locations,

Please visit the following link

<http://sports.sliet.ac.in/facilities/>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.1.3 - Availability of general campus facilities and overall ambience

There are 14 Hostels which includes 10 nos. Boys Hostels, 03 nos. Girl Hostels and 01 no. PG Hostel (Girls), with all amenities  
<http://hostel.sliet.ac.in/name-contact-no-hostel-authorities/>.

Academic building in the Institute. Science Block, Mechanical Block, Workshops, Chemical & food Block, Computer Block, Electronic Block

Old, Electronic Block New, EDP Block, Library Buildings, Student Activities Centre.

Other buildings in the campus are Administrative Block, Auditorium Building, Guest House, Transit Accommodation, Director Residence, Residential building having 505 quarters, Estate Office I/c ESS-I & ESS-II, Faculty Club, Swimming Pool, Shopping Complex, Restaurant, Post Office, Bank (Central Bank of India), three shops in-front of girls hostels, three Shops near Boys Hostel no. 07, stadium with 400 meter track, 02 nos. pump Houses and sewerage pump house (01 no.) with Oxidation pounds and pump house (01 no.) with lifting facility of treated waste water to irrigate the plants of institute in the forest areas, KV School Building with well equipped furniture and sport facilities, 02 no. Over\ head water tanks, 02 nos. Bus Stands, Security Check Posts at Duggan main gate & Longowal Main Gate, Main Boundary Wall Campus more than 7 feet height and there is excellent road networking inside the campus.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

450.31

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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 is having all kind of the facilities for its best utilization by the student community. It has large number of technical books along with a good collection of books on literature, general awareness, management and social sciences etc. The open access system is being followed so that every user of library has access of all the available reading material. The library management software Alice for Window 6.0 is used for the automation of library. The OPAC is available in the library to search the availability of books, for this purpose bar code is pasted on every book and every

member is issued Bar code printed membership card. The E-books have been added to the collection of the library and remote access has been get activated for all the library users to make optimum utilization of the reading material. The library is equipped with 30 desktop Computers in Digital Section to enable the library users to access all the subscribed e- resources. INFED server has been setup for the remote access of the e- journals subscribed. All the library users have access to NPTEL video lecture, and the video lectures prepared by the faculty of the institute in the digital section of the Central Library.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

<b>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</b>	<b>A. Any 4 or all of the above</b>
---	-------------------------------------

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

**162.88**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

**285**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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**

24

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

The Institution has Administrative Computer Services System (ACSS) Section, which looks after the maintenance of internet services and network throughout the Institute. The following are the policies for IT facilities:

- To protect the network and user authentication a Sophos UTM is equipped in the network.
- Internet login is provided to all the users with variable range of usage data like Faculty and staff have unlimited data and students have 1 GB/ day to 2 GB/day.
- All the users are authorized to change their passwords.
- Internet upgradation and troubleshooting is a regular process of ACSS Section.
- Institute is equipped with latest Wi-Fi hardware which is providing the Wi-Fi Services to all the students, faculty and staff.

Budgetary provision and updates its facilities including Wi-Fi facilities:

- Annually a budget is allocated by the Institute for up gradation for IT facilities including Wi-Fi facility.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**4.3.3 - Student - Computer ratio during the year**



Number of students	Number of Computers available to students for academic purposes
3766	1329

<b>4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)</b>	• ?1 GBPS
--	-----------

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

<b>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>	<b>B. Any 3 of the above</b>
---	------------------------------

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Upload the data template	<a href="#">View File</a>

**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**

3296

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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.

**Procedures for maintaining and utilizing Sports Equipment:**

After procurement of Sports equipment, it is stored in Sports store which is regularly cleaned, gym equipment is oiled and greased. Inflations in balls are regularly monitored. Play grounds are properly marked with lime power. Grass is regularly watered and cut. Immovable structures such goal posts, poles, outdoor gym are painted as and when required.

Utilizing of Sports equipment: Game boy's/grounds men are issued sports equipment, so that they take it to grounds and issue equipment to students daily morning and evening. After using the equipment, it is returned to grounds men. Students cannot take equipment in hostels or at home. Sports equipment is available in grounds on weekends and holidays.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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)**

445

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

200

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

<p><b>5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases</b>  <b>Implementation of guidelines of statutory/regulatory bodies</b>  <b>Organisation wide awareness and undertakings on policies with zero tolerance</b>  <b>Mechanisms for submission of online/offline students' grievances</b>  <b>Timely redressal of the grievances through appropriate committees</b></p>	<ul style="list-style-type: none"> <li>• All of the above</li> </ul>
--	--

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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**

**33**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

**119**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

51

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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**

0

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

Class Representative Committee represent the Student Council in the Institute. Institute has given due representation to its students in academic & administrative bodies/committees at Institute level/Department level/ Hostel level like IQAC Cell, Innovation Cell, Software development Club, Internal Complaints Committee, Tech-fest Committee, Sports Committees, Discipline Committee, Cultural Committee etc. who are working for the welfare for the students, round the clock. Some of them are as under:

At hostel level the following committees have been constituted.

Mess Committee, Discipline Committee, Sports committee, TV room committee, Floor Management Committee, Literary Committee, Swachhta Committee, Culture Committee, Kitchen Gardening Committee.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

02

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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 Institute had four Chapter of SLIE Alumni Association, and the process of registration is going on. Alumni Association helps the Institute by arranging various lecture, orientation program, setting up training facilities in the Campus, training and placement activities, online lecture etc. of the students present in the campus.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

E. <1Lakhs

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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 need of society.

#### MISSION

1. Non formal, flexible, modular, multipoint entry programmes in engineering and technology and in the areas like rural development, educational planning, information, and management sciences.
2. Education and training in modern technology areas.
3. Promotion of self-development among the students.
4. Extension services to industry working population, passed-out students, social organizations and institutions of research and higher learning.
5. Close interface with the industry to conduct research on the basis of manpower requirements leading integrated educational planning curriculum development and instructional material preparation in technology and inter-disciplinary areas.
6. Promotion of institute-institute linkages for sustainable development of academic and research.

Link to see the document is : <http://sliet.ac.in/institute/vision/>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

The leadership of the SLIET has adopted a decentralized and participative style of functioning under which day to day governance is administered through Committee based decisions. Representation of faculty have been made in administrative committees (Board of Management) and similarly participation of statutory officers of administration and finance were encouraged in academic committees to provide necessary inputs so that the decisions and/or recommendations arrived at such deliberations and meetings are converted into concrete action. Periodical review meetings of various committees constituted for bringing improvement in the governance of the University activities are held.

The institute promotes participative management. Ideas pertaining to academic goals, organizational progression and better campus life

are collected from all stakeholders to promote efficient functioning of the institute. The staff and other stakeholders help in infusing a positive attitude that leads to increased efficiency, improved communication, heightened morale, motivation, and job satisfaction.

Few examples of democratic values and decentralized are as follows:

1. SENATE (<http://academic.sliet.ac.in/senat-agenda/senate-minutes-of-meeting-29th/>) , SLIET, Board of Management (<http://administration.sliet.ac.in/files/2021/07/MEMBERS-OF-BOARD-OF-MANAGEMENT-1.pdf>), Finance Committee (<http://administration.sliet.ac.in/files/2021/07/MEMBERS-OF-FINANCE-COMMITTEE-SLIET-LONGOWAL.pdf>), Building Works Committee (<http://sliet.ac.in/estate-office/>), Planning Board, Alumni Association (<https://slietalumni.org/>)
2. DRC, Board of Studies, Departmental Committees and Student Clubs (<http://cs.sliet.ac.in/student-clubs/>).
3. Five Dean(s)

(<http://administration.sliet.ac.in/files/2018/08/DeansDuties23082018.pdf>)

<http://administration.sliet.ac.in/files/2012/05/MOA.pdf>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic plan is effectively deployed

The Institute is continuously looking towards improvement and in this competitive environment, there is dire need to strategize our actions to meet the challenges. In view of this, Institute authorities discuss path of progress with all stakeholders. Presently Institute is working with SLIET Vision-2030, whereby it has been discussed to strengthen our academics and research in focussed areas and diversify the programs in view of NEP-2020. Consequently, Institute is looking to develop academics/ research around technology in agriculture, automation, IOT, Advanced manufacturing, biomedical, food for all etc.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>



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.

The Institute has been registered as Society under Registration of Societies Act, 1860 and is fully funded by the Govt. of India through Ministry of Education. The Institute has its own Memorandum of Association containing Rules and Regulations for doing day to day business. The policy matters of the Institute is being considered and approved by the Board of Management of the Institute. The Institute has its own Recruitment Rules for appointment of Faculty as well as non-teaching posts. With regard to service matters of faculty, the Institute is following AICTE/UGC/CCS Rules. Whereas the service matter of non-teaching staff is governed by CCS Rules.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 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

B. Any 3 of the above

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 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 performance appraisal system for teachers based on their academic activities. The performance appraisal system for non-teaching staff is based on CCS Rules. The Institute has implemented Career Advancement Scheme for promotion of Faculty. The Institute has implemented MACP Scheme of Govt. of India for financial upgradation of non-teaching staff. Besides, MACP, there is promotion policy for promotion of non-teaching staff.



File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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**

30

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

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

20

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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)**

31

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**6.4 - Financial Management and Resource Mobilization**

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

**Internal Financial Audit:** The Accounts of the Institute open to Inspection by the Govt. of India/Audit Party of the Principal Accounts Office/Chief Controller of Accounts, Ministry of Education (MOE), New Delhi. The Accounts shall be audited by the internal auditors/Chartered Accountants of the Institute and the Institute

have hired the service of Chartered Accountant for Internal Audit, the Internal Audit of the Institute has been conducted upto financial year 2020-21.

**External Financial Audit:** The Institute is fully funded by the Govt. of India and Grant is being regularly received from MOE, New Delhi. The Accounts of the Institute shall be open to Inspection by the Govt. of India/Internal Audit Party of the Principal Accounts Office/Chief Controller of Accounts, MOE, New Delhi. The Accounts of the Institute finally to be audited by the Comptroller and Auditor General of India U/s 20 (1) of the CAG of India (duties, powers & conditions of service) Act 1971.

The audit of the Institute has been conducted upto the financial year 2020-21 by the Audit Party AG Punjab and Audit Report for the year 2020-21 is awaited from the office of The Principal Director of Audit (Central), Chandigarh.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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)**

2324.90

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**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)**

0

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

6.4.4 - Institution conducts internal and external financial audits regularly

The Accounts of the Institute open to Inspection by the Govt. of India/Audit Party of the Principal Accounts Office/Chief Controller of Accounts, Ministry of Education (MOE), New Delhi. The Accounts shall be audited by the internal auditors/Chartered Accountants of the Institute and the Institute have hired the service of Chartered Accountant for Internal Audit, the Internal Audit of the Institute has been conducted upto financial year 2020-21.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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

IQAC is one of the major policies making and implementing unit at SLIET. It strives hard for upgrading the institute infrastructure and all support facilities to meet the standards of higher education and growing need of students, keeping in view the need of the industry. It assesses and suggests the parameters of quality education.

### 1. Academic Audit through IQAC:

The institute takes academic audit of each department. Due to implementation of such academic audit, it is found out that all departments and committees have been constantly improving their curricular, co-curricular and extra co-curricular performances.

### 1. Implementation of Green practices in the campus:

The IQAC proposed to initiate various green practices to maintain eco-friendly college campus through the activities i.e., Tree Plantation, Paperless Work, Plastic Eradication, Clean and Beautiful Campus, No Vehicle Day, Save Power, Paper Bag Workshop, Awareness Programme on Renewable Energy, and e- Waste Management.

<http://iqac.sliet.ac.in/audit-reports/>

### 3. Constitution of IQA Cell and its Meetings:

IQAC Cell is comprising of all the relevant stakeholders and during the IQAC meeting, the suggestions from members including students

are considered and action taken is regularly noted on the parameters (outlined) for the improvement.

<http://iqac.sliet.ac.in/minutes-of-meetings/>

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload relevant supporting documnent	<a href="#">View File</a>

**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)**

**SLIET has undertaken different initiatives during the years for the incremental improvements.**

**These include:**

- 1. Establishment of IQAC**
- 2. Adoption of flexible Choice Based Credit System (CBCS) programme across all departments.**
- 3. Organising FDP's, Workshops, Seminars with the financial assistantwith TEQIP, and other funding agencies**

**<https://drive.google.com/drive/folders/18u8ARtiOZSIqDkq2Oxx68aBWMkc6mIzU>**

4. Self performance appraisal of teaching and non teaching staff
5. Constitution of Academic and Administrative Audit (AAA) committee.
6. Complete automation of examination system by using in ERP
7. Automation of admission process
8. Establishment of entrepreneurship development cell
9. Introduction of Mentor Mentee program
10. MoU's industry, Academia and state government.
11. Partial automation of library facilities
12. Formation of alumni association
13. Guest lecturers from Experts in different domain
14. Participation of NIRF and State institutional ranking framework
15. Green campus
16. Construction of additional infrastructure to meet growing demands
17. Implementation of blooms taxonomy
18. Inculcating value system in the SLIET University

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 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 measures have been taken at health centre for promoting gender equality, sensitization and facilities available for women are as follows:

<http://sliet.ac.in/wp-content/uploads/2013/12/Doc1.pdf>

1. More than 50% Female staff is deployed at the Health Centre

2. To deal with the emotional problems and difficulties faced by students in coping up with tough situations, two visiting female counsellors have been appointed. Online counselling sessions are being conducted by them on weekly basis.

Sr. No.

Name

Designation

Gender

1

Ms. Sherram Rattan

Counsellor(visiting)

Female

2

Ms. Harpreet kaur

Counsellor(visiting)

Female

3. Separate female ward is available in the SLIET, Health Centre as day care facility for female patients.

<http://hc.sliet.ac.in/facilities-2/>

4. Concession in Application Fee for All India SLIET Entrance Test to the Girls of General and other Categories

5. Fee Waiver to girls of Economically Weaker Sections (as per Rules)

6. Separate Girls Hostels

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Annual gender sensitization action plan(s)	<a href="http://sliet.ac.in/wp-content/uploads/2013/12/Doc1.pdf">http://sliet.ac.in/wp-content/uploads/2013/12/Doc1.pdf</a>
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	<a href="http://hc.sliet.ac.in/facilities-2/">http://hc.sliet.ac.in/facilities-2/</a>

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

**B. Any 3 of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

With regard to the facilities in the Institution for the management of the above mentioned degradable and non-degradable waste, plz. visit the following links:

- Solid waste management <http://iqac.sliet.ac.in/files/2021/11/Green-and-Environmental-Audit-Report-20211.pdf>
- Liquid waste management <http://iqac.sliet.ac.in/files/2021/11/Green-and-Environmental-Audit-Report-20211.pdf>
- Biomedical waste management <http://iqac.sliet.ac.in/files/2021/11/Green-and-Environmental-Audit-Report-20211.pdf>
- E-waste management <http://iqac.sliet.ac.in/files/2021/11/Green-and-Environmental-Audit-Report-20211.pdf>
- Waste recycling system [Green-and-Environmental-Audit-Report-20211.pdf \(sliet.ac.in\)](http://sliet.ac.in)
- Hazardous chemicals and radioactive waste management <http://iqac.sliet.ac.in/files/2021/11/Green-and-Environmental-Audit-Report-20211.pdf>



[ac.sliet.ac.in/files/2021/11/Green-and-Environmental-Audit-Report-20211.pdf](http://ac.sliet.ac.in/files/2021/11/Green-and-Environmental-Audit-Report-20211.pdf)

In addition to above, the Institute has taken following initiative for the perseverance of ecosystem.

1. A open oxidation pond for the treatment of waste water.
2. Use of waste water for irrigation of forest area of Institute.
3. Use of polythene is banned in the Institute.(<http://sliet.ac.in/wp-content/uploads/2019/11/Notice-Phasing-out-single-use-plastic.pdf>)
4. One day (Friday) is observed as vehicle free day in the Academic Area of the Institute.<http://sliet.ac.in/wp-content/uploads/2017/12/appeal.pdf>
5. Organization of seminars for providing cleaning awareness around the Institute and surrounding village area.<http://sliet.ac.in/unnat-bharat-abhiyan-cell/>

One day (Thursday) in a week is observations natural light day, wherein minimum utilization of electric appliances is ensured in the various working place of Institute.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

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

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways

A. Any 4 or All of the above

**4. Ban on use of plastic**  
**5. Landscaping**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**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:**

- 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	<a href="#">View File</a>

**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	<a href="#">View File</a>

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

The Institute is a good example of inclusive environment with faculty, staff and students comprising of all casts, communities, religion and diversities. Being a national Institute, the student, staff and faculty of the different regions join here to give it diversity. The schemes like persons with disabilities (PWD), minority scholarship reservations as per Govt. of India guidelines, Dr. Ambedkar Scholarship Scheme for SC/OBC for Punjab Domicile (PMS), Ek Bharat Shrestha Bharat (EBSB), Madhuras (Cultural fest-involving diverse cultures), Internal Complaints Committee, Tuition fee waiver (TFW), Unnat Bharat Abhiyan, Digital literacy Campaign, NCC, NSS etc. give true flavours of inclusiveness.

Further the Institute celebrates Matra Bhasha Divas each year to celebrate the beauty of all Indian languages.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

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

#### CELEBRATION OF CONSTITUTION DAY

The Constitution Day was celebrated online at Sant Longowal Institute of Engineering & Technology, Longowal, Sangrur, Punjab with a lot of fervour and enthusiasm on 26/11/2020. The highlight of the celebrations was the interaction of Deputy Commissioner Sangrur, Sh. Ramvir (IAS) joined by the students from all over the country, faculty and staff of SLIET. The Deputy Commissioner Sangrur addressed on the various features of the Constitution which he referred to as a sacrosanct book of the country. Director SLIET, Prof. Shailendra Jain, welcomed the guest of the day Sh. Ramvir (IAS) and deliberated on the significance of Constitution Day of India.

In the end, the event was continued with a LIVE Telecast of Hon'ble President Sh. Ramnath Kovind Ji's reading of the Preamble which was joined in online by all the participants from their respective locations.

#### CELEBRATION OF NATIONAL VOTER'S DAY

National Voter's Day was celebrated at Institute with a lot of fervor and enthusiasm. On this occasion Professor Shailendra Jain,

Director SLIET, explained the importance of Voter's Day and encouraged the young voters to participate in election process.

A Pledge as coined by Election Commission of India was administered by Professor Shailendra Jain, Director SLIET to the audience.

**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	<a href="#">View File</a>

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

**Brief Reports of the days celebrated by NSS, SLIET during 2020-21:**

**1. Rashtriya Ekta Divas (Birth Anniversary Sardar Vallabh Bhai Patel) (31.10.2020)**

A 'Pledge Ceremony' was held by NSS, SLIET volunteers through online mode through Google Meet regarding Unity and Integrity of Bharat (India) to pay tribute to Sardar Vallabh Bhai Patel ji and to sensitise students towards the principles of Sardar Patel. 56 no. of students had participated.

**2. International Yoga Divas Celebration (21.06.2021)**

A campaign on the day was executed to sensitize students and the community through them for health awareness through Yoga and meditation. The students had participated to perform Yog asan and to circulate their photos amongst society through online mode (WhatsApp, Facebook etc.). 56 no. of students had participated to campaign.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 7.2 - Best Practices

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

1. Segregation of regular and repeat/retest examination
2. No vehicle Day on every Friday <http://sliet.ac.in/wp-content/uploads/2017/12/appeal.pdf>
3. Ban of single use plastic in the campus <http://sliet.ac.in/wp-content/uploads/2019/11/Notice-Phasing-out-single-use-plastic.pdf>
4. Installation of solar power plant
5. Transparent Evaluation System <http://academic.sliet.ac.in/files/2021/02/ACADEMIC-CALENDAR-EVEN-SEMESTER-2020-21-1.pdf>

## 7.3 - Institutional Distinctiveness

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

SLIET is established by the Ministry of Education, Government of India in 1989 with a concept of modular (Multi entry Multi exit) system, which became Deemed-To-BE-UNIVERSITY in the year 2007.

At present the Institute is imparting education to around 4000 students -

1. 3 Years ICD- Admission after 10th
  2. 4 Years B.E. (through JEE Mains)
  3. BE (Lateral Entry in 2nd Year)
  4. Post-graduate (M.Tech. and M.Sc.)
  5. Ph.D.
- Sprawling over more than 400 acres of land, the Institute is wonderfully blessed with natural beauty and offer a serene setting for better learning and natural environment.
  - SLIET is already offering multiple entry-exit options to its learners through its Certificate, Diploma, and UG Programs in line with NEP 2020.
  - Due to its modular pattern, it has attracted students from all over India.
  - In last 29 years, Institute catered the educational needs of more than 24000 students.

**weblink:**

- All programs are NBA accredited  
<http://iqac.sliet.ac.in/files/2022/03/NBA-2021.pdf>
- NIRF Ranked amongst top 200 Institutes of the Country (<https://www.nirfindia.org/nirfpdfcdn/2021/pdf/Engineering/IR-E-U-0384.pdf> )
- NAAC accredited  
<http://iqac.sliet.ac.in/files/2022/03/NCCA-2022.pdf>
- Best institute awarded (north India) by NITTTR, Chandigarh for the Academic year 2020-21 (<http://sliet.ac.in/2021/09/outstanding-institutions-award-engineering-college-category-in-the-northern-region-for-the-year-2020-21/>)
- Received recognition for PWD scheme, IIC Cell, Hackathon participation, Unnat Bharat Abhiyan (<http://sliet.ac.in/unnat-bharat-abhiyan-cell/>) <http://iqac.sliet.ac.in/files/2022/03/Outstanding-Institution-Award.pdf>
- Trained people under PKVY and get them certified (<https://www.dropbox.com/sh/zdv82tcow7qb6rv/AAC3bTC2qrlRngpRqAcORUSTa?dl=0>)

**7.3.2 - Plan of action for the next academic year**

1. Implementation of aspect of National Education Policy- 2020
2. Restructuring of ICD Programmes to align with National Skill Qualification Framework
3. Renewal of NAAC Accreditation
4. Implementation of Minor and Honors Degree Concept.
5. Enhance Industry-Institute Interaction
6. Enhance Research Activity in identified focused areas