

The Annual Quality Assurance Report (AQAR)
Internal Quality Assurance Cell (IQAC)
Sant Longowal Institute of Engineering & Technology,
Longowal-148106, Sangrur, Punjab, India

Part – A

1. Details of the Institution

1.1	Name of the Institution	Sant Longowal Institute of Engineering and Technology, Longowal
1.2	Address Line 1	Sant Longowal Institute of Engineering & Technology
	Address Line 2	
	City/Town	Longowal/ Sangrur
	State	Punjab
	Pin Code	148106
	Institution e-mail address	directorsliet @sliet.ac.in, deanacad@sliet.ac.in
	Contact Nos.	O: 01672-253112, R: 01672-253177
	Name of the Head of the Institution	Prof. (Dr.) Vijender Kumar Jain
	Tel. No. with STD Code:	01672-253100 (O), 01672-253173 (R)
	Mobile:	+91 9478 396960
	Name of the IQAC Co-ordinator:	Prof. (Dr.) J.S. Dhillon
	Mobile:	+91 9779 828833
	IQAC e-mail address:	iqac@sliet.ac.in
1.3	NAAC Track ID (<i>For ex. MHC0GN 18879</i>)	PBUNGN10165
1.4	NAAC Executive Committee No. & Date: (<i>For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate</i>)	EC/PCA&A/58/12 dated March 10, 2012
1.5	Website address:	http:// www.sliet.ac.in/
	Web-link of the AQAR	http://sliet.ac.in/internal-quality-assurance-cell-iqac/AQAR2016-17.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.35	2012	05 Years

1.7. Date of Establishment of IQAC: DD/MM/YYYY February 16, 2013

1.8 AQAR for the year (for example 2010-11) July 01, 2016 to June 30, 2017

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

- i. AQAR 2012-13 submitted to NAAC on _____(05/07/2017)
- ii. AQAR 2013-14 submitted to NAAC on _____(05/07/2017)
- iii. AQAR 2014-15 submitted to NAAC on _____(05/07/2017)
- iv. AQAR 2015-16 submitted to NAAC on _____(05/07/2017)

1.10 Institutional Status

University State	<input type="checkbox"/> Central	<input type="checkbox"/> Deemed	<input checked="" type="checkbox"/> Private	<input type="checkbox"/>
Affiliated College	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			-
Constituent College	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			-
Autonomous college of UGC		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Regulatory Agency approved Institution		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Type of Institution	Co-education <input checked="" type="checkbox"/> Men <input type="checkbox"/> Women <input type="checkbox"/>			
	Urban <input type="checkbox"/> Rural <input checked="" type="checkbox"/> Tribal <input type="checkbox"/>			
Financial Status	Grant-in-aid <input checked="" type="checkbox"/> UGC 2(f) <input type="checkbox"/> UGC 12B <input type="checkbox"/>			
	Grant-in-aid + Self Financing <input type="checkbox"/> Totally Self-financing <input type="checkbox"/>			

1.11 Type of Faculty/Programme

Arts <input type="checkbox"/> Science <input checked="" type="checkbox"/> Commerce <input type="checkbox"/> Law <input type="checkbox"/> PEI (Phys Edu) <input type="checkbox"/>
TEI (Edu) <input type="checkbox"/> Engineering <input checked="" type="checkbox"/> Health Science <input type="checkbox"/> Management <input checked="" type="checkbox"/>
Others (Specify) <input type="checkbox"/> _____

1.12 Name of the Affiliating University (for the Colleges)

1.13 Special status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	<input type="text" value="-"/>		
University with Potential for Excellence	<input type="text" value="-"/>	UGC-CPE	<input type="text" value="-"/>
DST Star Scheme	<input type="text" value="-"/>	UGC-CE	<input type="text" value="-"/>
UGC-Special Assistance Programme	<input type="text" value="-"/>	DST-FIST	<input type="text" value="-"/>
UGC-Innovative PG programmes	<input type="text" value="-"/>	Any other (<i>Specify</i>)	<input type="text" value="-"/>
UGC-COP Programmes	<input type="text" value="-"/>		

2.1 QAC Composition and Activities

2.1	No. of Teachers	<input type="text" value="06"/>
2.2	No. of Administrative/Technical staff	<input type="text" value="04"/>
2.3	No. of students	<input type="text" value="Nil"/>
2.4	No. of Management representatives	<input type="text" value="02"/>
2.5	No. of Alumni	<input type="text" value="Nil"/>
2.6	No. of any other stakeholder and community representatives	<input type="text" value="Nil"/>
2.7	No. of Employers/ Industrialists	<input type="text" value="Nil"/>
2.8	No. of other External Experts	<input type="text" value="03"/>
2.9	Total No. of members	<input type="text" value="15"/>
2.10	No. of IQAC meetings held	<input type="text" value="02"/>
2.11	No. of meetings with various stakeholders:	No. <input type="text" value="3"/> Faculty <input type="text" value="1"/>
	Non-Teaching Staff Students <input type="text" value="1"/> Alumni <input type="text" value="1"/> Others <input type="text" value="Nil"/>	

Regular meetings of the Director and Deans are held with HODs, Faculty members and Elected Bodies of teaching, non-teaching and Class Representatives. Institute Alumni meet was held on date of Convocation. Placement Cell interacted with officials of various industries/companies.

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State

Institution Level (ii) Themes **2.14** Significant Activities and contributions made by IQAC

Dean (Student and Faculty Welfare) Coordinates to ensure that Anti-Ragging measures have been effectively enforced.
Emphasized the monitoring of the Teaching & Learning processes at departmental levels.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
<ul style="list-style-type: none"> Action has been initiated to introduced complete MIS Study materials for ICD students. 	Under Progress
<ul style="list-style-type: none"> Improve the attendance of student in the class. To strengthen the conduct of laboratory classes Introduction of feedback system 	Achieved

* Attach the Academic Calendar of the year as Annexure.

2.16 Whether the AQAR was placed in statutory body Yes No
 Management Syndicate Any other body

Provide the details of the action taken

Action was taken to augment the following best practice

- Centralized computer centre operational for 24x7 with biometric entry.
- Implementation of total quality management (TQM) students in laboratories;
- Innovation Centre.
- Mentoring and counselling Centre
- Online admission test will be conducted phase-wise for Ph. D. and M. Tech. students, whose examination centre shall be allocated at SLIET, Longowal.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	10	Nil	Nil	Nil
PG	11	Nil	Nil	Nil
UG	8	Nil	Nil	Nil
PG Diploma	Nil	Nil	Nil	Nil
Advanced Diploma	Nil	Nil	Nil	Nil
Diploma	9	Nil	Nil	Nil
ICD (Integrated Certificate Diploma)	13	Nil	Nil	Nil
Others	Nil	Nil	Nil	Nil
Total	51			
Interdisciplinary	Nil	-	-	-
Innovative	Nil	-	-	-

1.2 (i) Flexibility of the Curriculum: CBCS/Core (√) / Elective option (√) / Open options(√)

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	PG, UG, Diploma, ICD
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employers Students *(On all aspects)*Mode of feedback: Online Manual Co-operating schools (for PEI) **Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Syllabi of Integrated certificate diploma and four-year degree programmes are updated and revised following Credit based System

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Nil

Criterion – II**2. Teaching, Learning and Evaluation**

2.1 Total No. of permanent faculty:

Total	Asst. Professors	Associate Professors	Professors	Others
133	91	34	8	-

2.2 No. of permanent faculty with Ph.D.

83

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
1	2	-	-	-	-	-	-	1	2

2.4 No. of Guest and Visiting faculty and Temporary faculty

46

-

-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	29	16	-
Presented papers	29	13	-
Resource Persons	-	-	-

2.6 Innovative processes adopted by the institution in Teaching and Learning:

The innovative processes adopted by the Institute in teaching and learning are use of Case study in teaching, Practical assignment, Industrial training, Seminar, Project report, Tutorials and Dissertation work

Students are encouraged to take research based projects and publish their research papers in journals.

Seminars and presentations are the integral part of continuous evaluation of students studying research oriented courses such as M.Tech., M.Sc. and MBA.

To monitor the outcome mid-term tests and end term examination (ETE) are conducted for continuous evaluation and to monitor the progress of students. The written tests for continuous evaluation are centralized resulting in better objectivity of the evaluation system.

2.7 Total No. of actual teaching days during this academic year

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple-Choice Questions)

Nil

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

All Professors	02 AsP	02 AP	02 Experts
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2.10 Average percentage of attendance of students 75%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
PG	153	75.16	18.95	-	-	94.11*
UG	279	56	19	6.4	-	81.4
Diploma	213	43.19	49.29	0.93	-	93.42
ICD	403	37.96	16.87	13.64-	-	68.48

* partial result.

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

IQAC evaluate Teaching and Learning process through, Annual Reports and the Academic Reports.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	105
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	1
Faculty exchange programme	-
Staff training conducted by the university	2
Staff training conducted by other institutions	3
Summer / Winter schools, Workshops, etc.	1
Others	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	146	49	0	1
Technical Staff	54	23	0	25

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

The faculty and research scholars are made aware of various fellowships they could apply for. Faculty members are encouraged to organize conferences, seminars and workshops. The Institute has a strong culture of inviting eminent academicians and researchers to visit the campus. Such visits entail lectures and interaction with students and researchers.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	2
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakhs	Nil	Nil	Nil	Nil

3.4 Details on research publications

	International	National	Others
Peer Review Journals	126	8	-
Non-Peer Review Journals	1	-	-
e-Journals	2	-	-
Conference proceedings	27	14	-

3.5 Details on Impact factor of publications:

Range 0.175-4.732 Average 1.492 h-index 49.33 Nos. in SCOPUS 24

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
 ii) Without ISBN No

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
 DPE - DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
 INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	3	-	2	2
Sponsoring agencies	-	TEQIP II	-	SLIET	SLIET

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency From Management of University/College
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
3	1	2	-	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides
 and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level	<input type="text" value="200"/>	State level	<input type="text" value="Nil"/>
National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

3.22 No. of students participated in NCC events:

University level	<input type="text" value="93"/>	State level	<input type="text" value="Nil"/>
National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="Nil"/>	State level	<input type="text" value="Nil"/>
National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="4"/>	State level	<input type="text" value="Nil"/>
National level	<input type="text" value="Nil"/>	International level	<input type="text" value="Nil"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="Nil"/>	College forum	<input type="text" value="Nil"/>
NCC	<input type="text" value="04"/>	NSS	<input type="text" value="Nil"/>
		Any other	<input type="text" value="Nil"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Nil

Criterion – IV**4. Infrastructure and Learning Resources****4.1** Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	447 Acres	-	-	447 Acres
Class rooms	66 No.	-	-	66 No.
Laboratories	132 No.	-	-	132 No.
Seminar Halls	06 No.	-	-	06 No.
No. of important equipment's purchased (\geq 1-0 lakh) during the current year.		-	-	8.356 lac
Value of the equipment purchased during the year (Rs. in Lakhs)		327.72	MHRD,GOI	327.72
Others: Hostels, Quarters, Gust House, Health Centre, Transit, Bank, Post Office, Shopping Complex etc	559 No.	-	-	559 No.

4.2 Computerization of administration and library

Accounts/ administrative and library partially computerised. All the offices and central library are well equipped with computer, internet facilities

4.3 Library services: (Volumes)

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books and Reference Books	95541	-	3000		98541	-
e-Books	-	-	-	-	-	-
Journals	378	4274513	61	881572	439	5156085
e-Journals	42	36138197	13	10893040	55	47031237
Digital Database	03	Sponsored	-	-	03	Sponsored
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	2500	All the departments, offices and central library are well equipped with computers along with Internet facilities. Campus is connected through fiber optics Internet connection with 1Gbps connectivity through Network Knowledge Management. Faculty, staff and students can access internet through Wi-Fi, and LAN.						
Added	53							
Total	2553							

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

All the faculty members' rooms are well equipped with computers, printers and Internet facility. Faculty members, Research scholars and students have access to Internet and e-journals through Wi-Fi and LAN connectivity.

4.6 Amount spent on maintenance in lakhs:

i) ICT	1.31
ii) Campus Infrastructure and facilities	1783.77
iii) Equipment's	327.72
iv) Others	5168.86
Total :	7281.66

Criterion – V**5. Student Support and Progression****5.1** Contribution of IQAC in enhancing awareness about Student Support Services

- The IQAC gives impetus and/reminds the heads of the departments are requested to make the students aware of the Student-support Services through the class counsellors and during the orientation programme of the newly admitted students.
- Dean, Student and Faculty Welfare office also creates awareness among students about student Support Services through Chief Wardens, Wardens, Student Representatives.
- The Training & Placement Cell provides career counselling and guidance by organizing special lectures as well as the visits of various corporate/industrial houses for campus placement.
- To make the system more transparent and accessible to all stakeholders, the Institute uploads important information on its website.

5.2 Efforts made by the institution for tracking the progression

IQAC requests the departments to collect, compile and analyse records for tracking the progression.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1502	311	235	1846

(b) No. of students outside the state

113

(c) No. of international students

NIL

No	%

MEN

No	%

WOMEN

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
881	158	39	375	07	1460	940	100	27	149	04	1220

Demand ratio: Dropout %:

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Courses and co-curricular activities generally prepare all enrolled students for competitive examinations.
Seminars are conducted by the Training and Placement Cell on Skill Development/ Group Discussions/ Personality Development and Communication Skills.

No. of student beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS State PSC UPSC Others

5.6 Details of student counselling and career guidance

Institute has a Training and Placement (T&P) Cell, which conducts various activities for the students. The T&P Cell and departments work towards enriching the knowledge of the students by organizing Seminars/Workshops/Webinars/Classes with help of experts.

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
30	260	180	30

5.8 Details of gender sensitization programmes

Yes, women cell exists. Women complaints are addressed by the cell.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level
No. of students participated in cultural events
State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level
Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		Ph.D.– 96.88 lac
Financial support from government		GATE – 104.16 lac TEQIP – 9.36 lac
Financial support from other sources	<ul style="list-style-type: none"> • SC/ST and OBC scholarship under various state Governments viz Punjab, Bihar, HP, UP etc. • Minority scholarship, • Scholarship for the students of Railways employs wards (Rail Coach Factory). • Scholarship for the students of Material GRATROP Organization, Diesel Locomotive, Varanasi, 221004. • Scholarship for students of Central Sector Scheme of Scholarship. • Scholarship for the students of CRPF Wards. • Scholarship for the students of North East Directorate of Welfare of Plain Tribe and Backward classes. • Scholarship for the Punjab student’s ward of Punjab Building and construction Workers Welfare, Board. • Western air command higher education subsidy scheme, command education section. • Golden jubilee Foundation, Manger, PIR of LIC, SHAHDOL, Madhya Pradesh. • Indian oil education Scholarship Scheme 	
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

Genuine grievances of students are addressed by Dean (Academics) and Dean (student and Faculty Welfare) time to time with coordination of Chief Wardens of the Girls and Boys hostels

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

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 organisations and institutions of research and higher learning.
5. Close interface with the industry to conduct research based on 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.

6.2 Does the Institution has a management Information System

Yes, the Institute has Management Information System (MIS), which is a piece-meal type of MIS and it is active in the following sections/Departments.

- a) Central Library b) Central Admission Cell c) Examination Cell d) Accounts Section

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The Institute has been alive to the fast-changing social, economic and industrial scenario. The Institute has adopted the semester system in place of the annual system of examination for effective organization of teaching, Learning and evaluation. This includes the introduction of continuous evaluation on the criteria of attendance, minor tests, assignments/classroom performance and end term examination (ETE).

6.3.2 Teaching and Learning

Transparency is maintained in the whole of the admission process. Reservation of seats for differently abled individuals is strictly followed as directed by the Central Government.

The Semester system has been introduced and continuous evaluation has been made part of the evaluation programme.

The Institute has established a Training & Placement Cell which looks after the placement of all the students of the Institute. Chief Counsellor is coordinating counselling system through class counsellors.

6.3.3 Examination and Evaluation

Examinations are conducted at a centralised place having a CCTV and mobile jammers to prevent examination related malpractices by the students. Seating arrangement and details are provided to the students before examinations. For the smooth conduct of evaluation, each department arranges the centralised evaluations of the end term examinations. The evaluated answer sheets are shown to the students to introspect their mistakes so that can be rectified in future.

6.3.4 Research and Development

Yes, the research work is undertaken by the faculty and research scholars of the Institute in the interdisciplinary areas to provide preventive and productive solutions for the problems of industry and community.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Yes, Library is automated with 30 number of computers, 01 printer for general access. Online access to content management system for e-learning and has a participation in resource sharing networks/consortia (like INFLIBNET)

6.3.6 Human Resource Management

Human Resources are managed effectively through the meetings of the management with the heads of the departments/ sections. On need basis time to time the staff is transferred from one department/ section to another to make effective utilization of human resources.

6.3.7 Faculty and Staff recruitment

Recruitment is made as per the set procedure approved by Competent Bodies.

6.3.8 Industry Interaction / Collaboration

Yes, Institute has a centralized Training and Placement Cell, which conducts various activities for the students. The Cell works to enrich the knowledge of the students by organizing Seminars/ Workshops/ Webinars/ Classes with help of experts invited from industry and educational Institutes.

6.3.9 Admission of Students

The admissions to Certificate-Diploma Program, Lateral Entry to UG Programs and Ph.D. Programs are made through SLIET Entrance Test (SET) conducted by the Institute at national level. All admissions in the Institute including for Ph.D. programmes are made on merit following reservation policy of the Centre Government. Admission to UG 4-year program is through JEE(Mains), for M.Sc program it is through CCMN along-with other NITs/IITs and CFTIs. The institute holds its own National Level Entrance test for the vacant seats (if any). The admissions to M.Tech programs is being done through CCMT along-with other NITs/IITs and CFTIs. The admission to MBA program is based on CMAT score and the institute may hold its own National Level Entrance test for the vacant seats (if any) Admissions to the Ph.D. Programmes are based on written test/ interview of the candidates short-listed by the Departmental Research Committee (DRC) of the Department concerned. The admission process is online with each-and-every information available online for the information of the candidates

6.4 Welfare schemes for

Teaching	As per govt. norms
Non-teaching	As per govt. norms
Students	Bank

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	-	-	-	-
Administrative	Yes	CAG, Punjab	Yes	Chartered Accountant

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Examinations are conducted at a centralised place having a CCTV and mobile jammers to prevent examination related malpractices by the students. Seating arrangement and details are provided to the students before examinations. For the smooth conduct of evaluation, each department arranges the centralised evaluations of the end term examinations.

6.10 What efforts are made by the University to promote autonomy in the affiliated/ constituent colleges?

NA

6.11 Activities and support from the Alumni Association

Alumni meet is held yearly.

6.12 Activities and support from the Parent – Teacher Association

Till date, such support is not in existence. Institute is planning to evolve Parent-Teacher feedback system

6.13 Development programmes for support staff

Yes, support staff attend refresher courses to enhance their working capabilities.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Yes, the initiatives taken by the Institute to make the campus eco-friendly are being mentioned as under:

- Energy Conservation,
- Water Management,
- Plantation,
- E-waste Management,
- Smoke free, clean, healthy, Eco-friendly environment

Criterion – VII

7. Innovations and Best Practices

- 7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

The innovative processes adopted by the institution in teaching and learning are:
 The innovative processes adopted by the institution in teaching and learning are the use of Case study in teaching, Practical assignment, Industrial training, Seminar, Project report, Tutorials and Dissertation work.
 Students are encouraged to take research based projects and publish their research papers in journals.
 Seminars and presentations are the integral part of continuous evaluation system for the students of research oriented courses such as M.Tech., M.Sc. and MBA.
 To monitor the outcome, mid-term tests, end term examination (ETE) are conducted for continuous evaluation and to monitor the progress of students. The written tests for continuous evaluation are centralized resulting in better objectivity of the evaluation system.

- 7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Admission test (SET-7) examination was conducted at National Level as per schedule successfully.
 As planned almost all the conferences/workshops/seminars were organised by the departments.
 Institute organised of Cultural, Technical and Sports activities at Institute as planned in academic calendar for 2016-2017.

- 7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Innovation Centre;
- Mentoring and counselling centre
- Conduct Online admission test phase-wise for Ph. D. and M. Tech. students,

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

- 7.4 Contribution to environmental awareness / protection

Core course already has been introduced in all academic programs

- 7.5 Whether environmental audit was conducted? Yes No

- 7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

8. Plans of institution for next year

- Subject-wise learning attainments and shall be the part of the course file
- To extend Central Computing facility and to make it available for students and staff for 24x7 with biometric entry.
- To implement total quality management (TQM) in laboratories,
- To strengthen and maintain documentation of the activities of Innovation Centre
- For mentoring and counselling, weekly one hour slot on Wednesday, 3.30 pm-4.30 pm may be fixed in time table so that class counsellors can interact with their respective classes to extend counselling and mentoring.
- Behavioural male and female consultant may also be engaged to visit the campus weekly for needy male and female students and staff, respectively.

Name Dr. J.S. Dhillon

Name Dr. V. K. Jain, Director

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

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