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 Logowal 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:	Dr. J S Dhillon
	Mobile:	+91 9779 828833
	IQAC e-mail address:	iqac@sliet.ac.in

1.3 NAAC Track ID *(For ex. MHCOGN 18879)*   PBUNGN10165

1.4 NAAC Executive Committee No. & Date: *(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)*

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/AQAR2012-13.pdf

1.6   Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st 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, 2012 to June 30, 2013

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

i. AQAR_____(DD/MM/YYYY)
ii. AQAR_____(DD/MM/YYYY)
iii. AQAR_____(DD/MM/YYYY)
iv. AQAR_____(DD/MM/YYYY)

1.10   Institutional Status

University   State   [-]   Central   [-]   Deemed   [√]   Private   [-]

Affiliated College   Yes   [-]   No   [√]   -

Constituent College   Yes   [-]   No   [√]   -

Autonomous college of UGC   Yes   [-]   No   [√]

Regulatory Agency approved Institution   Yes   [-]   No   [√]

Type of Institution   Co-education   [√]   Men   [-]   Women   [-]

Urban   [-]   Rural   [√]   Tribal   [-]

Financial Status   Grant-in-aid   [√]   UGC 2(f)   [-]   UGC 12B   [-]

Grant-in-aid + Self Financing   [-]   Totally Self-financing   [-]

1.11   Type of Faculty/Programme

Arts   [-]   Science   [√]   Commerce   [-]   Law   [-]   PEI (Phys Edu)   [-]

TEI (Edu)   [-]   Engineering   [√]   Health Science   [-]   Management   [√]

Others   (Specify)   [-]

1.12   Name of the Affiliating University *(for the Colleges)*   [NA]

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

Autonomy by State/Central Govt. / University | -

University with Potential for Excellence | - | UGC-CPE | -

DST Star Scheme6 | - | UGC-CE | -

UGC-Special Assistance Programme | - | DST-FIST | -

UGC-Innovative PG programmes | - | Any other (*Specify*) | -

UGC-COP Programmes | -

2.1 QAC Composition and Activities

2.1	No. of Teachers	06
2.2	No. of Administrative/Technical staff	04
2.3	No. of students	Nil
2.4	No. of Management representatives	02
2.5	No. of Alumni	Nil
2.6	No. of any other stakeholder and community representatives	Nil
2.7	No. of Employers/ Industrialists	Nil
2.8	No. of other External Experts	03
2.9	Total No. of members	15
2.10	No. of IQAC meetings held	Nil

2.11 No. of meetings with various stakeholders: No. | 3 | Faculty | 1

Non-Teaching Staff Students | 1 | Alumni | 1 | Others | Nil

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. | Nil | International | Nil | National | Nil | State | Nil

Institution Level | Nil

(ii) Themes | -

2.14   Significant Activities and contributions made by IQAC

> Establishment of IQAC in 12th BOM meeting held on February 16, 2013 and was notified on April 29, 2013.

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
To establish the best practices: • All time access to research resources, to all students, research scholars, faculty and staff, • Career guidance and placement cell • Continuous revision of Laboratory experiments	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 practices
> • Cell for equal opportunity for women
> • Grievance Redressal system
> • Course file with various plans and evidence
> • Periodic objective/ surprise tests
> • Interdisciplinary electives
> • Introduction of LIN (Local Integrated Network)
> • Professional societies Centres
> • Research and Development Cell

Part – B

Criterion – I

1. 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	10	Nil	Nil	Nil
UG	9	Nil	Nil	Nil
PG Diploma	Nil	Nil	Nil	Nil
Advanced Diploma	Nil	Nil	Nil	Nil
Diploma	10	Nil	Nil	Nil
Certificate	12	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, Certificate
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.

Nil

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
118	76	34	8	-

2.2 No. of permanent faculty with Ph.D. 62

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	-	-	-	-	-	3

2.4 No. of Guest and Visiting faculty and Temporary faculty 59 - -

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	6	41	-
Presented papers	6	28	-
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 to evaluate 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 150

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

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	161	68.32	21.12	6.21	-	95.65
UG	549	50	33	7	-	90
Diploma	474	54	33.33	-	-	87.34
Certificate	567	17.28	25.74	0.88	-	43.91

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

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	11
UGC – Faculty Improvement Programme	1
HRD programmes	1
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	22
Staff training conducted by other institutions	7
Summer / Winter schools, Workshops, etc.	16
Others	15

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	153	42	5	3
Technical Staff	56	21	0	20

Criterion – III

3. Research, Consultancy and Extension

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

> Plan to augment existing research laboratories with sophisticated and analytical equipment and facilitate in using research data base by strengthening online library facilities. Encourage faculty members to file the patent of their innovations

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	2	3	2
Outlay in Rs. Lakhs	5.02	12.20	59.90	15

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	119	4	-
Non-Peer Review Journals	2	-	-
e-Journals	16	-	-
Conference proceedings	31	9	-

3.5 Details on Impact factor of publications:

Range 0.475 – 4.29   Average 1.489   h-index 23   Nos. in SCOPUS 16

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	2013-16 2013-16 2013-14 2012-15 2012-13	AICTE, New Delhi AICTE, New Delhi AICTE, New Delhi SERB, New Delhi DBT, New Delhi	15,00000/- 15,00000/- 12,00000/- 43,59000/- 22,05000/-	13,66667/- 1500000/- 1759000/-
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by				

the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total			10764000/-	4625667/-

3.7 No. of books published   i) With ISBN No.   `2`   Chapters in Edited Books   `1`

       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   `Nil`

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	2	1	3	3
Sponsoring agencies	-	AICTE	SLIET	SLIET	SLIET

3.12 No. of faculty served as experts, chairpersons or resource persons   `19`

3.13 No. of collaborations   International `-`   National `2`   Any other `-`

3.14 No. of linkages created during this year   `2`

3.15 Total budget for research for current year in lakhs :

       From Funding agency `51.63`   From Management of University/College `Nil`

       Total `51.63`

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	-	3	1	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides

47

and students registered under them

97

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

06

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

JRF 10   SRF 1   Project Fellows 2   Any other 1

3.21 No. of students Participated in NSS events:

University level 100   State level Nil

National level Nil   International level Nil

3.22 No. of students participated in NCC events:

University level Nil   State level Nil

National level Nil   International level Nil

3.23 No. of Awards won in NSS:

University level Nil   State level Nil

National level Nil   International level Nil

3.24 No. of Awards won in NCC:

University level Nil   State level Nil

National level Nil   International level Nil

3.25 No. of Extension activities organized

University forum Nil   College forum Nil

NCC Nil   NSS Nil   Any other 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 Acre	-	-	447 Acre
Class rooms	66	-	-	66
Laboratories	126	-	-	126
Seminar Halls	6	-	-	6
No. of important equipment's purchased (≥ 1.0 lakh) during the current year.	-	-	-	202.9905 lac
Value of the equipment purchased during the year (Rs. in Lakhs)	-	305.02	MHRD,GOI-	305.02
Others	559	-	-	559

4.2   Computerization of administration and library

Accounts/ administrative and library partially computerised

4.3   Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books and Reference Books	73708	-	4068	19 lac	73708	-
e-Books	-	-	-	-	-	-
Journals	72	895418	108	676466	180	1571884
e-Journals	09	6063010	9	1557550	18	7620560
Digital Database						
CD & Video						
Others (specify)						

4.4   Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	2200	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 have access of internet through Wi-Fi, and LAN connectivity.						
Added	20							
Total	2220							

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

Office of each faculty member has been equipped with computers or Laptop and printer with Internet access. Internet access is available to offices, hostels, guest house etc. through Wi-Fi and LAN connectivity

4.6   Amount spent on maintenance in lakhs: (Information is as per financial year)

i) ICT $\boxed{0.04}$

ii) Campus Infrastructure and facilities $\boxed{552.87}$

iii) Equipment's $\boxed{305.02}$

iv) Others $\boxed{3626.49}$

Total : $\boxed{4484.42}$

Criterion – V

5. Student Support and Progression

5.1   Contribution of IQAC in enhancing awareness about Student Support Services

> The IQAC encourages and reminds the concerned official/sections to update the information on website as and when there is any change.
> 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 Warden, Wardens and , Student representatives.

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
1625	392	294	2020

(b) No. of students outside the state $\boxed{858}$

(c) No. of international students $\boxed{\text{Nil}}$

No	%	
-	-	MEN

No	%	
-	-	WOMEN

	Last Year						This Year					
General	SC	ST	OBC	Others	Total	General	SC	ST	OBC	Others	Total
1050	229	56	383	21	2076	1048	200	44	396	29	1717

Demand ratio $\boxed{-}$ Dropout % $\boxed{1.25}$

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 & Placement Cell on Skill development/ Group discussions/ Personality development and Communication skills.

No. of students beneficiaries | 1474 |

5.5   No. of students qualified in these examinations

NET | | SET/SLET | | GATE | 8-10% | 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 works towards enriching the knowledge of the students by organizing Seminars/Workshops/Webinars/Classes with help of experts.

No. of students benefitted   1474

5.7   Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
15	280	104	16

5.8   Details of gender sensitization programmes

> Yes, women cell exists to redress the grievances of women employees and girl students.

5.9   Students Activities

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

State/ University level | 86 | 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 | 6 | 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. scholars	
Financial support from government	GATE , TEQIP	
Financial support from other sources	• 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:
• Augmentation of hostels system

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. A student counselling system is also exists in the departments and Chief Counsellor is coordinating it.

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 Deans, Heads of the departments/ sections Incharges. 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 as per AICTE/UGC/GOI duly approved by Competent Bodies.

6.3.8 Industry Interaction / Collaboration

> Yes, Institute has a centralized Training and Placement (T &P) Cell, which conducts various activities for the students. The T&P 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

> Yes, 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	No	-	No	-
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 annually.

6.12   Activities and support from the Parent – Teacher Association

Till date, such support is not in existence

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: Energy Conservation, Water Management, Plantation, E-waste Management, Smoke free, clean, healthy and 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 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-13) examination was conducted at National level as scheduled 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 during 2012-13.

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

> - Career guidance and placement cell
> - Continuous revision of Laboratory experiments

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

7.4 Contribution to environmental awareness / protection

> Core course 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

- Planned to Introduce new courses like Electrical Engineering & Civil Engineering
- Augmentation of Mentoring and counselling activities
- Augmentation of annual student satisfactory survey procedure

Name Dr. J.S. Dhillon   *Name Dr. V. K. Jain, Director*

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Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

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