

# Annual Quality Assurance Report (AQAR)

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(JULY, 2015-JUNE, 2016)

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**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

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**LINGAYA'S UNIVERSITY, FARIDABAD**  
(Nachauli, Old Faridabad-Jasana Road, Faridabad-121002)

# LINGAYA'S UNIVERSITY, FARIDABAD

## The Annual Quality Assurance Report (AQAR) of the IQAC

July, 2015 - June, 16

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

### Part – A

AQAR for the year (for example 2013-14)

July, 2015-June, 16

#### 1. Details of the Institution

1.1 Name of the Institution

LINGAYA'S UNIVERSITY

1.2 Address Line 1

Nachauli, Old Faridabad-Jasana Road

Address Line 2

Faridabad

City/Town

Faridabad

State

Haryana

Pin Code

121002

Institution e-mail address

[vc@lingayasuniversity.edu.in](mailto:vc@lingayasuniversity.edu.in)

Contact Nos.

+91-129-2598281

Name of the Head of the Institution:

Prof. (Dr.) R. K. Chauhan

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Mobile:

+91-9818469075

Name of the IQAC Co-ordinator:

Dr. K.K. Mishra

Mobile:

+91-9312752122

IQAC e-mail address:

[iqac@lingayasuniversity.edu.in](mailto:iqac@lingayasuniversity.edu.in)

[drmishrakk@lingayasuniversity.edu.in](mailto:drmishrakk@lingayasuniversity.edu.in)

1.3 NAAC Track ID (For ex. MHCOGN 18879)

**HRUNGN11464**

**OR**

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/71/A&A/3.1 dated 16.11.2015**

1.5 Website address:

[www.lingayasuniversity.edu.in](http://www.lingayasuniversity.edu.in)

Web-link of the AQAR:

[www.lingayasuniversity.edu.in/naac/iqac/2016](http://www.lingayasuniversity.edu.in/naac/iqac/2016)

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	<b>B</b>	<b>2.42</b>	<b>2015</b>	<b>2020</b>
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

**07/11/2012**

1.8 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 \_\_\_\_\_ (DD/MM/YYYY)
- ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

1.9 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

(eg. AICTE, BCI, MCI, PCI, NCI)

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

1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

N/A

1.11 Name of the Affiliating University (for the Colleges)

N/A

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

Autonomy by State/Central Govt. / University

N/A

University with Potential for Excellence

N/A

UGC-CPE

N/A

DST Star Scheme

N/A

UGC-CE

N/A

UGC-Special Assistance Programme

N/A

DST-FIST

N/A

UGC-Innovative PG programmes

N/A

Any other (*Specify*)

**Project  
Funding by  
various Govt.  
Funding  
Agencies**

UGC-COP Programmes

N/A

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

**06**

2.2 No. of Administrative/Technical staff

**07**

2.3 No. of students

**01**

2.4 No. of Management representatives

**01**

2.5 No. of Alumni

**02**

2.6 No. of any other stakeholder and  
community representatives

**02**

2.7 No. of Employers/ Industrialists

**02**

2.8 No. of other External Experts

**03**

2.9 Total No. of members

**24**

2.10 No. of IQAC meetings held

**04**

2.11 No. of meetings with various stakeholders: No.  Faculty   
 Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No   
 If yes, mention the amount

**Being Self-Financed Deemed University, UGC does not provide funding**

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

- ❖ **Basic principles of Pedagogy for engineering**
- ❖ **Leadership Style for Higher Productivity**
- ❖ **Research Methodology for Ph.D. Scholars**
- ❖ **Career Opportunities and Competency Profile in Engineering**
- ❖ **Action Plan for Teaching-Learning Processes (T-L Processes)**
- ❖ **Networking with Corporate World**
- ❖ **Expectations of Corporate World from Engineering & Management Graduates**
- ❖ **Shaping for Professional Career**
- ❖ **How to introduce oneself**

2.14 Significant Activities and contributions made by IQAC

The IQAC has contributed to institutionalizing several good practices which have promoted quality assurance: (i) preparation of lesson plans peer-reviewed by colleagues and a weekly teaching diary to record how the lessons were transacted in the classroom (ii) programs for keeping them up-to-date in latest pedagogical skills as well as in their own disciplines, (iii) obtaining feedback from the students which is used by the teachers to improve their classroom teaching and management (iv) conducting regular tutorial / special classes (v) special classes for slow learners (vi) examination reforms.

The IQAC regularly audits the activities of the doctoral committees for ensuring the quality of doctoral dissertations through regular review of student progress in research, presentation in public forum of the research work in progress, pre-submission presentation prior to submission of thesis, with the suggestions being incorporated in the thesis in consultation with the doctoral committee.

Apart from all activities in practices IQAC has taken following initiative in the last academic Year:

- a) IQAC has organised Orientation Programmes for Academic and Administrative staff about the work culture, teaching methodology and best practice.
- b) The IQAC has the responsibility to ensure the Compliances and norms of all statutory body time to time.
- c) The IQAC has completed the National Higher Education Survey as required by “Ministry of Human Resource Development Department of Higher Education New Delhi” and participated in National Institutional Ranking Framework-2016 and School of Management of the University got 40<sup>th</sup> Ranked in India and 6<sup>th</sup> Rank in Haryana.
- d) The IQAC organises 2 Open Forums and facilitated an interface between students and officials. It helped the University to identify the concerns of students on various facilities and they were suitably addressed by the officials for the sake of enhancing quality of teaching and learning.
- e) The IQAC has done a thorough study on CIA – Continuous Internal Assessment, followed in the Departments/Schools and submitted a report to the Board of Management for meaningful changes to be brought in order to make the existing system as more relevant, objective and transparent.
- f) The IQAC has completed student evaluation of staff, self-evaluation of staff, peer evaluation of staff and jury evaluation of newly recruited staff and consolidated the report for further decisions from the management through which the quality of teaching is sustained and enhanced.

## 2.15 Plan of Action by IQAC/Outcome

Lingaya’s University has established its independent IQAC to strengthened quality drive and quality concerns at various levels which have contributed to the emergence of firm parameters on quality sustenance. 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 promote international academic interactions	The University is in process to provide study Abroad, Internship in International Company and Research Laboratories.
Promoting research culture among faculty members through writing research papers.	The University has LJPS, a peer reviewed Journal where both faculty and students have the privilege of publishing their Project and research work.
Promotion of research projects, paper and poster presentations in various conferences by students and faculty.	The University has well defined policy for Projects, Consultancy and Entrepreneurship. The Faculty & Staff are provided financial support to participate in conferences, seminar & FDP. Students involvement in such activities is encouraged.
Strengthening interaction through guest lectures, conferences, workshops.	Regular Guest Lectures, Expert Talks, Seminar are organised by all Departments to provide better understanding about current research, innovations and various policies of Govt.  FDP for faculty and PDP Classes for students are regular practices

Collaboration with international universities for student exchange programme	The University has focussed to extent its international/national Collaborations with reputed Universities abroad as well as institutions of national importance. The special focus is for Joint Research, Students Exchange & Joint Projects.
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*\* Attach the Academic Calendar of the year as Annexure. –Attached at Annexure -I*

2.15 Whether the AQAR was placed in statutory body      Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

<b>Action Taken Report is attached at Annexure-II</b>
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## 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	14	00	14	00
PG	13	00	13	00
UG	23	01	24	00
PG Diploma	00	00	00	00
Advanced Diploma	00	00	00	00
Diploma	05	01	06	00
Certificate	00	00	00	00
Others (Integrated programme)	04	00	04	00
<b>Total</b>	61	00	61	00
Interdisciplinary	00	00	00	00
Innovative	00	00	00	00

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

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	60
Trimester	00
Annual	01

##### 1.3 Feedback from stakeholders\* (On all aspects)

Alumni  Parents  Employers  Students

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

\*Please provide an analysis of the feedback in the Annexure

*Feedback Analysis is attached at Annexure- III*

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

The major strength of the University is its ability to ensure holistic development of students to make them educated, industry ready and enlightened citizens. The courses offered by the University in different Constituent schools are up-to-date, relevant and industry based. All courses incorporate ICT tools to make them globally competitive. University has an in-built mechanism for curriculum development and revision of courses through various committees, including feedback from the students, alumni, external experts from academic institutions and industry. University provides a broad spectrum of courses ranging from basic, applied, interdisciplinary, job oriented and integrated add-on courses.

Every academic Department of the University has a Board of Studies. These bodies are responsible for all academic developments in the respective departments and centres. Curriculum design & development is one of the important items, thus updating of the syllabi is done appropriately, every semester. All the departments follow the model curricula of UGC/ Statutory Regulatory Bodies and update them regularly keeping in view the requirements of the upcoming needs and new developments. The Board of Studies also has external experts as members from other universities/institutions/ industries, who help in designing course structure best suited from national and international perspective. Such bodies have the full freedom to develop new courses and to revise the existing courses and Programmes frequently.

The Academic Council is the main body for all academic matters and regularly reviews various aspects of the curriculum. The Academic Council consists of experts from industry, other academic institutions, and students representatives. Thus, ensuring the participation of all in curriculum review and enhancement process. On several occasions, external faculty (from institutions like IIT Delhi, Delhi University, DTU, JMI, GGSIPU etc.) had been invited in the past to discuss the curriculum and course contents. Such meetings are held regularly as part of curriculum revision process.

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

Department of Pharmacy- Introduced two new courses under this Dept.-Bachelor of Pharmacy and Diploma in Pharmacy.

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Lecturer
<b>175</b>	<b>117</b>	<b>36</b>	<b>22</b>	<b>14</b>

2.2 No. of permanent faculty with Ph.D.

<b>47</b>
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2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Lecturer		Total	
R	V	R	V	R	V	R	V	R	V
<b>26</b>	<b>12</b>	<b>10</b>	<b>06</b>	<b>05</b>	<b>02</b>	<b>05</b>	<b>02</b>	<b>46</b>	<b>22</b>

2.4 No. of Guest and Visiting faculty and Temporary faculty

#### Temporary faculty:

Total	Asst. Professors	Associate Professors	Professors	Lecturer
<b>54</b>	<b>47</b>	<b>02</b>	<b>05</b>	<b>00</b>

#### Guest and Visiting faculty:

	Emeritus	Adjunct	Visiting
Number	24	04	66

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	15	16	19
Presented papers	15	16	21
Resource Persons	01	03	04

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

- Student centric learning through extensive use of ICT
- Aims and learning outcomes of all lectures and modules are clearly defined and aligned with content and assessment

- c) Blending learning with e-resources through 24X7 available free accesses to E-Learning Resources.
- d) Concretization and Enrichment of learning experiences through mandatory assignments, seminar presentations, field and project work in more than 90% courses.
- e) Fostering the culture of knowledge acquisition through wider self-exposure to latest knowledge through the library and on-line subscribed books and journals.
- f) Ensuring continuous updating of teacher competencies through a strong policy of support and teacher deputation
- g) Faculty development programs are conducted regularly to facilitate a variety of teaching methods. The level of computer literacy in staff and students is monitored and appropriate training provided.
- h) Regular feedback and course evaluation is undertaken.

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

<b>208 Days</b>
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2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- a) The University has a Standing Committee on Examination Reforms which meets periodically to review the examination system in its minutes details.
- b) In all the courses, the teacher teaching the course shall give the assignments, projects and tests regularly at fixed intervals as tools for FORMATIVE EVALUATION. Even the end semester examination (END SEMESTER EVALUATION) test paper is prepared by the teachers teaching that paper and the spot evaluation is done.
- c) Some of the other noteworthy reforms in examinations:-
  - i). Computerization of mark sheet printing, migration & provisional certificates, enrolment registers. Photographs are also captured and put in database at the time of enrolment.
  - ii). In house printing of tabulation registers, preparation of basic database of students.
  - iii). Efforts are being made to redesign and reduce the size of the tabulation register.
  - iv). In-house printing of degree through software and in-house lamination of degrees started.
  - v). The system of dispatch of degrees to those who could not present in convocation introduced without/with charging any additional amount.
  - vi). Proper upkeep of permanent record is in place to maintain the records upto three years

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

Being a deemed university, the up gradation and review of curriculum is a continuous process, as every semester there would be some departments coming up for revisions. Hence the DCC, BOS, and Academic Council meetings take place at least twice a year. On an average, 30 to 40% courses of the university would be updated or revised each year.

The Departmental Consultative Committee (DCC) has three to four senior Teacher and Head/Dean of the School, who collects the feedback on curricula as well other inputs and forward to BOS of the respective School which comprises of Dean/HOD as chairperson with two external experts and three to four Teachers of Professor/Associate Professor Level. In some case Asst. Professor are also the Members of BOS.

Further, the recommendations/suggestion of BOS is reported to Academic Council held twice in a year having 34 members including External Experts, Administrative and Teaching Staff with VC as Chairperson.

2.10 Average percentage of attendance of students

<b>75%</b>
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2.11 Course/Programme wise

distribution of pass percentage :

Title of Programme	Total no. of students appeared	Division				
		Distinction %	I %	II%	III%	Pass%
B.Tech.	269	4.46	38.66	27.88	NA	71.00
B.Arch.	28	-	64.29	35.71	NA	100
M.Tech.	08	100	-	-	NA	100
BCA	10	-	50.00	10.00	NA	60.00
MCA	11	9.09	63.64	-	NA	72.73
B.Com	04	-	75.00	25.00	NA	100
BJMC	05	20.00	20.00	-	NA	40.00
BA (English)	04	-	100	-	NA	100
B.Sc. (General)	02	-	100	-	NA	100

BBA	34	8.82	23.53	11.76	NA	44.12
BBA-MBA (Integrated)	17	11.76	41.18	41.18	NA	94.12
MBA	23	56.52	39.13	-	NA	95.65
MBA (AV)	03	66.67	33.33	-	NA	100
MBA (HC)	01	-	100	-	NA	100
PGDM	16	31.25	37.50	-	NA	68.75
M.Sc. (CR)	09	100	-	-	NA	100
B.Ed.	21	76.19	23.81	-	NA	100
M.Ed.	05	60.00	40.00	-	NA	100
Ph.D	07	100				

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

The IQAC brought in many initiatives pertaining to research, campus development, ICT adoption in teaching, providing better focus for the research scholars through workshops, coordinating Academic and Administrative Audit of the University, etc.

At the end of every academic year, the University conducts assessment of the curriculum/ course/ academic programme by students. The assessment focuses on broad areas like

- i. Merits of selection and quality of course/subject in the curricula,
- ii. Facilities available in the Departments/Schools
- iii. Infrastructure requirements/maintenance and facilities for PWD Students, Staff & Faculty
- iv. Internal assessment evaluation,
- v. Quality of the teacher in terms of regularity to classes, command over language, encouragement of students in the classes, completion of syllabus
- vi. Rating of the programme and the Department.

This feedback contributes to the academic radar prepared by the IQAC. IQAC organises meetings, reviews the implementation of resolutions of earlier meetings and proposes quality enhancement measures for the forthcoming academic year.

#### 2.13 Initiatives undertaken towards faculty development

IQAC Focuses on continuous upgradation of faculty skills through faculty development programmes, sharing of best practices, experts talks and involvement of experts in academic and research activities. To enhance the research acumen, project work is an integral part of the

curriculum. Effective and good feedback system to take care of suggestions and concerns of all and prompt decision making. The details of various programs organized are as under:

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	<b>12</b>
UGC – Faculty Improvement Programme	<b>03</b>
HRD programmes	<b>04</b>
Orientation programmes	<b>57</b>
Faculty exchange programme	<b>00</b>
Staff training conducted by the university	<b>89</b>
Staff training conducted by other institutions	<b>45</b>
Summer / Winter schools, Workshops, etc.	<b>63</b>
Others	<b>128</b>

#### 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	140	00	00	17+237 (outsourced)
Technical Staff	78	00	00	13

## Criterion – III

### 3. Research, Consultancy and Extension

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

IQAC initiated many measures in sensitizing/ promoting Research culture climate in the University. Some of them are:

- a) Research Advisory Committee (RAC) has been constituted under the Chairmanship of a Pro Vice-Chancellor to promoting research climate in the University.
- b) Organized workshops, conducted over 15 meetings, debates, student programs etc., and submitted its recommendations to the university.
- c) Interdisciplinary research is encouraged.
- d) Faculty has been appraised through workshops on the importance of creating research facility at college levels and availing funds for such activity through funding agencies.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	00	02	02	03
Outlay in Rs. Lakhs	Rs. 00	186.60 Lakhs	192.92 Lakhs	120 Lakhs

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	24	05	05	12
Outlay in Rs. Lakhs	22.00 Lakhs	11.20 Lakhs	18 Lakhs	60 Lakhs

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	57	20	01
Non-Peer Review Journals	00	00	00
e-Journals	12	00	00
Conference proceedings	15	16	00

#### 3.5 Details on Impact factor of publications:

**Range**                      Average                       h-index                       Nos. in SCOPUS



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

<b>Name of Faculty (Principal Investigator)</b>	<b>Name of the Funding agency</b>	<b>Title of the Project</b>	<b>Sanctioned order no.</b>	<b>Sanctioned date</b>	<b>Amount Received (in Rs.)</b>	<b>Amount received (in Rs.)</b>
Mr. S.B Soni, Dr. Tapas Kumar	Ministry of Human Resource & Development, New Delhi	A real time Intelligent early Detection Land sliding System using wireless sensor Network and Artificial Intelligence	Submitted under IMPRIT Programme, MHRD (under process)	N/A	0	Zero
Ms. Latha Banda	Ministry of Human Resource & Development, New Delhi	Automatic Recommender System for Health care.	Under process	N/A	0	Zero
Dr. Tapas Kumar	Department of Science & Technology, New Delhi	Design and Development of an Intelligent and Automated helping system for physically disabled person	Under process	N/A	0	Zero
Bhavik Kuchipudi	Cleantech Solar Energy (India) Private Limited	250kWp Solar Photovoltaic Power Project	LU/ELEC/MAINTENANCE/02A/2015	13 Feb, 2015	18,100,000	One Crore Eighty One Lakhs

Prof. R.K Chauhan	ICSSR	Performance Appraisal and Retention of the Faculty Members of the Higher Academic Institutions – An analytical study”.	02/134(SC)/2014-15/ICSSR/RPR	28-Oct-14	0	Zero
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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	02	16	02	05	00
Sponsoring agencies	02	03	00	00	00

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	<b>11.92 Lakhs</b>	From Management of University	<b>57.25 Lakhs</b>
Total	<b>69.92 Lakhs</b>		

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	<b>01</b>
	Granted	<b>00</b>
International	Applied	<b>00</b>
	Granted	<b>00</b>
Commercialised	Applied	<b>00</b>
	Granted	<b>00</b>

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
08	01	03	03	01	0	0

3.18 No. of faculty from the Institution

who are Ph. D. Guides  
and students registered under them

47
132

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

**11**

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

JRF	<b>00</b>	SRF	<b>01</b>	Project Fellows	<b>01</b>	Any other	<b>00</b>
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3.21 No. of students Participated in NSS events:

University level	<b>NA</b>	State level	<b>NA</b>
National level	<b>NA</b>	International level	<b>NA</b>

3.22 No. of students participated in NCC events:

University level	<b>NA</b>	State level	<b>NA</b>
National level	<b>NA</b>	International level	<b>NA</b>

3.23 No. of Awards won in NSS:

University level	NA	State level	NA
National level	NA	International level	NA

3.24 No. of Awards won in NCC:

University level	NA	State level	NA
National level	NA	International level	NA

3.25 No. of Extension activities organized

University forum	04	College/Dept. forum	08
NCC	00	NSS	01
		Any other	18

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

The University's NSS Unit organizes blood donation camp every year. Special camps are also organized in neighboring villages where the volunteers educate the villagers on health care, hygiene, education and many other social problems.

The University was one of the best educators of the awareness program entitled as "Rahagiri" started by Delhi Police to educate the citizens about Health awareness and the Organizer of "Rahgiri-Faridabad" in collaboration with Haryana Police, Faridabad Division.

Rural Development cell conducted social survey in villages to identify the status of the underprivileged and the most vulnerable sections of society. The cell has also conducted Research and Extension activities in order to promote the livelihood status.

- ✓ A number of extension works for the benefit of under-privileged women have been carried out in the rural areas.
- ✓ The Faculty of English organized a programmes for Creation of Civic Awareness.
- ✓ Civic education was imparted to rural women.
- ✓ The faculty of English is doing the ground work for two projects on:
  - Enhancement of English learning in rural schools
  - English language and Women Empowerment

## 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	26.5 Acres	0	Fees & Contribution of managing Society	26.5 Acres
Class rooms	115	0		115
Laboratories	109	0		109
Seminar Halls	14	0		14
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	145	25		170
Value of the equipment purchased during the year (Rs. in Lakhs)	456.21 Lakhs	21.24 Lakhs		477.45 Lakhs

#### 4.2 Computerization of administration and library

The University has centrally air conditioned computing facility, which provides work oriented open environment generally available in the industry. It has well equipped spacious computer laboratories to meet the computing needs of the students. The network has fiber optic based backbone and the campus is Wi-Fi enabled.

The University has Campus Agreement with Microsoft and as such has access to all the latest Operating

System and Application Software of Microsoft platform. Additional latest licensed software include Oracle 8i, Visual Studio 6.0, Office XP, Flash 6, Photoshop, Pro Engineering 3.0, MATLAB, CATIA, AutoCAD 2000 and Antivirus with round the clock Internet connectivity through 10 Mbps RF link. This facility is backed up by 300 KVA on-line UPS system. Apart from that the initiatives by IQAC are :

- ❖ Provided desktop/laptop facility to all the teaching staffs.
- ❖ Seminar & training on e- learning platform-moodle was organized by IQAC.
- ❖ Workshop on Social Science Research Methodology and Use of SPSS Software for Data Analysis' organized by Department of Population Studies and Department of Extension & Career Guidance.

The Library also subscribes to on-line journals data base like Science Direct, IEEE, DELNET etc, providing access to over 17 lac documents of all schools of Engineering. The library also has membership of NISCAIR which allow access to the resource sharing facilities through on-line as well as hardcopy of the same. The library has been provided with the facility with OPAC (On-line Public Access Catalogue) which provides information about library reading materials. Constant addition of titles and volumes in all fields of Engineering, Management, Basic Sciences and Humanities is regular feature.

The Multi-media section is equipped with state-of-the-art computer system, televisions, DVD, Video and Audio players and over 1700 educational and informative CDs. The Library has reprographic facilities and attracts an average of over 500 students a day.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (in Rs.)	No.	Value (in Rs.)	No.	Value (in Rs.)
Text Books	84004	96.78 Lakhs	31	1.05 Lakhs	84035	97.83 Lakhs
Reference Books						
e-Books	320	Free Accessed	56	Free Accessed	376	Free Accessed
Journals	32	4.5 Lakhs	Nil		32	4.5 Lakhs
e-Journals	131		Nil		131	
Digital Database	03		Nil		03	
CD & Video	25	Complimentary with Books	07	Complimentary with Books	32	Complimentary with Books
Others (specify)						

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	595	23	1GBPS (BSNL) 10MBPS (ELIXER)	Server Room/Faculty Room/Computer Centres	23	01 Centralised Office	IT Services	
Added	-	-	-	-	-	-	-	-
Total	595	23	1GBPS (BSNL) 10MBPS (ELIXER)	Server Room/Faculty Room/Computer Centres	23	01 Centralised Office	IT Services	

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

Computer centre is one of the pillar in development of academic excellence in the Lingaya's University. The centre is facilitating computing, internet, web services to the students, researchers and faculty members. The vision of computer centre is totally based on the vision mission of Lingaya's University.

The University has centrally air conditioned computing facility, which provides work oriented open environment generally available in the industry. It has well equipped spacious computer laboratories to meet the computing needs of the students. The network has fiber optic based backbone and the campus is Wi-Fi enabled.

The University has Campus Agreement with Microsoft and as such has access to all the latest Operating System and Application Software of Microsoft platform. Additional latest licensed software include Oracle 8i, Visual Studio 6.0, Office XP, Flash 6, Photoshop, Pro Engineering 3.0, MATLAB, CATIA, AutoCAD 2000 and Antivirus with round the clock Internet connectivity through 10 Mbps RF link. This facility is backed up by 300 KVA on-line UPS system.

4.6 Amount spent on maintenance in lakhs :

i) ICT	Rs. 41,39,181
ii) Campus Infrastructure and facilities	Rs. 20,85,921
iii) Equipments	Rs. 9,98,846
iv) Others	Rs. 1,25,565
<b>Total :</b>	<b>Rs. 73,49,604</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC advised the Student's Welfare Board functioning under the Dean Students' Welfare to undertake programs related to student's support. These includes display and dissemination of various notifications related to scholarships, freeships etc.

Lingaya's University with recommendation of IQAC/BOM/FO has created a Welfare Fund for students with seed money of Rs. 25.0 lac to meet the expenditure incurred by students due to unfortunate and unavoidable contingencies, during their stay in the University.

The Student Welfare Fund also takes care of a student's entire tuition fee in an unfortunate event of the student losing his/her bread earning parent during the course of his/her study.

The University has mentorship Programmeme with ratio of 1:15. Besides, all the faculties conduct remedial coaching classes for SC/ST and other weaker section students during free periods. The mentoring is given emphasis through involvement of mentors from industry and academia.

PDP Classes, minor & major projects, Tech-Fest, alumni-parents interaction and students innovations are also taken up for overall progression of each students and being supported in all aspects to achieve the specified target/goal of the course.

#### 5.2 Efforts made by the institution for tracking the progression

For the all-round development of students, following steps are taken:

- ❖ Each class is provided with two class counselors, who work as friend, philosopher and guide for student of that class. Student approach their class counselors, for any problem related to academic, personal or social and they are provided help to the extent possible.
- ❖ These class counselors monitor the progress of students, communicate their progress to parents and call them if required.
- ❖ Continuous evaluation process
- ❖ Summer term has been introduced to help the students clear the backlog after due inputs.
- ❖ Flexibility in the registration of courses in a semester to suit the individual student's capabilities within a range is allowed.
- ❖ Provision exists for doing more courses than are necessary for meeting minimum requirement of credits for a degree. A student is not held back, if he fails to clear non-core subjects within the permissible range.
- ❖ The grievance re-dressal regarding evaluation is transparent and justifiable.
- ❖ Cultural, Sports and Technical Festivals/ Competitions for overall development of students



**5.3 (a) Total Number of students**

UG	PG	Ph. D.	Others
1600	61	75	98

(b) No. of students outside the state

1077

(c) No. of international students

06

Men	No	%	Women	No	%
	1430	78		404	22

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
398	7	2	43	00	450	426	73	30	129	00	658

Demand ratio **1:2** Dropout % : **13.9 %****5.4 Details of student support mechanism for coaching for competitive examinations (If any)**

Personality Development Courses (PDP) are taught as part of the curriculum and are accommodated in the daily time-table of various classes, these courses have also syllabus and credits assigned and the students have to appear in the final examination to pass these subjects.

As far the GATE, Foreign language classes etc. are concerned, these courses are offered to the registered students after working hours on specific days. There is a great demand of students going to Germany for PG education due to the low cost and higher opportunities. Hence, there is a demand for German Language.

The University has mentorship Programmeme with ratio of 1:15. Besides, all the faculties conduct remedial coaching classes for SC/ST and other weaker setion students during free periods in the time-table.

Special coaching for competitive examinations GATE/UPSC/DEFENCE SERVICES / ICAR fellowships is imparted to advanced learners.

The University has conducted various type of coaching classes competitive examinations:-

Sr No	Coaching Class	No of Students attended
1	GATE/IES	124
2	GRE/TOFEL	59
3	Defence Services examinations	86
4	Civil Services	52
5	CAT	95

No. of students beneficiaries 416

5.5 No. of students qualified in these examinations

NET	<span style="border: 1px solid black; padding: 2px 10px;">NIL</span>	SET/SLET	<span style="border: 1px solid black; padding: 2px 10px;">03</span>	GATE	<span style="border: 1px solid black; padding: 2px 10px;">76</span>	CAT	<span style="border: 1px solid black; padding: 2px 10px;">02</span>
IAS/IPS etc	<span style="border: 1px solid black; padding: 2px 10px;">NIL</span>	State PSC	<span style="border: 1px solid black; padding: 2px 10px;">68</span>	UPSC	<span style="border: 1px solid black; padding: 2px 10px;">01</span>	Others	<span style="border: 1px solid black; padding: 2px 10px;">258</span>

5.6 Details of student counselling and career guidance

A Faculty mentor is deputed for every 30 students and they continue to be the advisor for the particular student till he completes his course by monitoring the growth of the students and their academic needs, giving career counselling etc.

- ❖ The faculty mentors normally keep in touch with the parent/guardian of their students.
- ❖ The slow learners are given special coaching classes to improve their performance.
- ❖ The school also offers aptitude and reasoning classes for the students to perform well in placement aptitude test and interviews. Additionally, PDP/Soft skill classes are also conducted by dedicated trainers.
- ❖ Apart from this professional Counsellor are also called for practices of GD/Interviews and Aptitude Tests in Pre Placement Session.

No. of students benefitted 456

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
45	366	243	53

5.8 Details of gender sensitization programmes

The University conducts Counselling sessions, awareness programmes, street plays, etc to provide a safe and congenial environment, especially to the girl students. All students are given equal opportunity without any discrimination on the basis of gender, caste race etc.

A well institutionalized Proctorial committee is in place headed by the Convener and 10 faculty members of various departments (including female faculty members) to deal with disciplinary matters at the University level. The committee attends all disciplinary matters, resolves it in time bound manner with the final approval from the VC. The students are counselled along with their parent interaction before any decision is taken (in the interest of the student's career).

## 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 (in Rs.)
Financial support from institution	1504	264 Lakhs
Financial support from government	SC-07, OBC-03, Minorities-13	3.30 Lakhs
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	01	2.16 Lakhs

### 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:

There were no major grievances by students during the current year. All minor grievances of students are being resolved by the class counsellors and HOD in Departments. The cases not resolved within the department are dealt by Student welfare/Grievances officer.

## Criterion – VI

### **6. Governance, Leadership and Management**

#### **6.1 State the Vision and Mission of the institution**

##### **VISION**

Traditionally believing that God is the Source of all Truth, Goodness, and Beauty, Lingaya's University seeks to develop in students a wisdom that translates academic achievement into responsible citizenship, sincere professional service, a deep respect for life and beauty in God's Creation and Recreation.

##### **MISSION**

- To commit to excellence in thought and action;
- To impart knowledge and skills and to mould attitude required for careers in Technical and Management fields by careful guidance and instruction for self learning in both formal and informal modes;
- To dedicate oneself to improve social and economic status and enhance the quality of life for all;
- To strive to maximize human welfare through education and produce effective knowledgeable staff, practitioners and educators who will be guided by vision, compassion, knowledge, disciplined discovery and deep respect for human values;
- To provide an individual engineering and other professional learning experience for each student;
- To develop critical thinking, analytical ability and creative skills;
- To supplement the curricula with teamwork, leadership, persuasive oral and written skills, project management, financial aspects, social concerns and ethics; and
- To establish Industry-University interaction for technology, research and development.

#### **6.2 Does the Institution has a management Information System**

Yes! The University has an ERP System where the daily attendance of the students and Faculty is available. Students and their parents can also check the percentage of attendance of students in various classes. Assignments are also mailed and uploaded by Faculty members, to be submitted online within a dead line date. Departments extend field training to the students on various New and upcoming technologies

**ERP system** provides efficient, transparent and required access to all associated with every aspect of academic activity. It also aides analysis and decision making. In addition, provides better control of the academic processes. MIS systems through ERP provide a strong hold and transparent working systems.

There is great scope for automated examination and evaluation system there by reducing labour intensive, time consuming and error prone systems. The organisation has already incorporated an ERP system last year to be customised to facilitate effective control.

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

### **6.3.1 Curriculum Development**

Every academic Department of the University has a Board of Studies. These bodies are responsible for all academic developments in the respective departments and centres. Curriculum design & development is one of the important items, thus updating of the syllabi is done appropriately, every semester. All the departments follow the model curricula of UGC/ Statutory Regulatory Bodies and update them regularly keeping in view the requirements of the upcoming needs and new developments. The Board of Studies also has external experts as members from other universities/institutions/ industries, who help in designing course structure best suited from national and international perspective. Such bodies have the full freedom to develop new courses and to revise the existing courses and Programmes frequently.

The Academic Council is the main body for all academic matters and regularly reviews various aspects of the curriculum. The Academic Council consists of experts from industry, other academic institutions, and students' representatives. Thus, ensuring the participation of all in curriculum review and enhancement process. On several occasions, external faculty (from institutions like IIT Delhi, Delhi University, DTU, JMI, GGSIPU etc.) had been invited in the past to discuss the curriculum and course contents. Such meetings are held regularly as part of curriculum revision process.

### **6.3.2 Teaching and Learning**

The University follows the academic calendar prepared well in advance prior to the commencement of each academic year. All the faculty and student have prior knowledge and information about various activities like commencement of classes, examination schedule, and number of working days, holidays, assignment and quiz schedule for each course respectively.

The syllabus content of every course contains four to seven units. All the faculty members prepare a lesson plan before the commencement of classes so that all the topics of the particular subject has been covered in time which is endorsed by the head of department of that particular department. The syllabus is supplemented by factory/Industrial visits, expert talks and brain storming sessions.

All the concerned faculty members compile a course file at the beginning of the academic session.

If student has some backlogs then extra classes have been scheduled for such student. For teaching – learning process, various schedules of activities is defined in the academic calendar such as:

- 1] Commencement of classes
- 2] Distribution of books through book bank
- 3] Scheduling and conduct of examination in accordance with all the rules and guidelines by the controller of examination (COE)
- 4] Maintenance of class-room and its equipments.
- 5] Updating all the results, attendance and marks in the ERP programme.
- 6] Providing Workshop and Guest Lecture related to their particular courses.

- 7] Coordinating and facilitating student internship Programme for one semester so that they impart and gather the practical knowledge related to their courses.

In spite of all these points, in terms of evaluation also, the University planned and follows the continuous comprehensive evaluation (CCE) system per semester. CCE is an internal evaluation which is considered as a part of university examination with 40% passing marks for each course.

Learning activities based on ICT are crafted by faculty in such a manner to focus on student cognition growth and expand the habit to engage as a self-regulated learner who is able to control their emotion and motivation during study process and needs to be connected across disciplines.

- 1] Using simulation to impart knowledge, visual aids, Questionnaires/Quiz, interactive slides, webinar, seminars, hobby club activities, workshop, expert lectures, student-exchange programmes, industry-visits, participation in technical events, paper publication, innovative projects.
- 2] Learning with real time hardware model for building fundamentals to incorporate developing to focus on question and well-crafted performance assessments, allowing for multiple solutions, enlisting community resources, and choosing engaging, momentous themes.
- 3] Having verbal discussion with individual students.
- 4] Structural, collaborative group work: - Innovation now emerges from teams and networks- and we can teach students to work cooperatively and become better united thinkers. Use specific methods to form teams and groups to assess teamwork and work ethic, facilitate high quality interaction through protocols and evaluation, teach the cycle of revision, and expert students to reflect.
- 5] Student centric learning through extensive use of ICT.
- 6] Blending learning with e-resources through 24X7 available free accesses to Cyber Library.

### **6.3.3 Examination and Evaluation**

Automation of the examination cell to ensure timely declaration of results to keep the academic calendar on schedule.

### **6.3.4 Research and Development**

- ❖ Several improvements in infrastructure have been made to facilitate research and development with air conditioned rooms, uninterrupted power supply, internet facility, common instrumentation facility, are available in the university
- ❖ A Centre of excellence (COE) is available for use for all research scholars, faculty members and students in the university who are working in innovative collaborative research projects.
- ❖ Sophisticated, primary equipment has been installed and several existing equipment upgraded in the COE for reliable experimentation.
- ❖ The major facilities like robotics lab, multimedia and virtual reality lab, Mac workstations for learning advanced tools, data structure and data base lab, Degener Lekrmittel set ups from Germany for state of the art cars, software like PRO-E, Auto Cad, CATIA, solid works, lab view, vibraters, PSPICE, high end storage oscilloscope, PLC and SCADA, microwave stations, waveguides, microprocessor and interfaces, satellite transmitter and receiver are available in the university
- ❖ The University has a well-equipped Central Library with a very good collection of Research as well as Reference books.
- ❖ In addition to that each School is with very strong & well equipped library with plenty of research & reference books of high quality.

- ❖ The School of Basic Sciences & Humanities has full-fledged Laboratories for Chemistry, Physics, Biology & Mathematics.
- ❖ The Schools of different Technical disciplines have well set Laboratories and Workshops for Research works.

The initiatives taken up by the University include the following:

- Board of Research, Innovation, Consultancy and Entrepreneurship (RICE) constituted in March 2014
- Lingaya's Centre for Incubation and Entrepreneurship (LCIE) 2015 policy has been setup
- Research Advisory Committees (RAC) in the schools/departments strengthened with eminent external experts from IITs, Industry, Central Universities etc
- Research Progress Advisory Committees (RPAC) in the schools/departments strengthened with external experts from academia and industry, to review, advice and recommend the work of the Ph. D scholar for further action
- Consultancy policy reviewed and enhanced to facilitate the faculty to take up industrial and other consultancy activities
- The PhD regulations reviewed and revised in accordance with the UGC norms and guidelines.
- Activities on student innovations enhanced with minor and major projects from 3<sup>rd</sup> semester onwards and workshops and competitions on innovations.

### **6.3.5 Library, ICT and physical infrastructure / instrumentation**

Central Library at Lingaya's University is the nerve centre of the entire campus catering to the needs of the staff and students in full measure. It has a very rich collection and a wide range of books on various disciplines. The Library subscribes to over 150 journals and periodicals (National and International). The Library also subscribes to on-line journals data base like Science Direct, IEEE, DELNET etc, providing access to over 17 lac documents of all schools of Engineering. The library also has membership of NISCAIR which allow access to the resource sharing facilities through on-line as well as hardcopy of the same. The library has been provided with the facility with OPAC (On-line Public Access Catalogue) which provides information about library reading materials. Constant addition of titles and volumes in all fields of Engineering, Management, Basic Sciences and Humanities is regular feature.

The Multi-media section is equipped with state-of-the-art computer system, televisions, DVD, Video and Audio players and over 1700 educational and informative CDs. The Library has reprographic facilities and attracts an average of over 500 students a day. The entire library is automated making searching, issuing & returning of books easier. The library is kept open on all working days and holidays from 8.30 a.m. to 7.00 p.m. and during examination from 8.30 a.m. to 10.30 p.m.

The library has an advisory committee whose function includes Collection development of library like acquisition of books and journals and other related material, formulation of guidelines for such acquisition and for periodic stock verification, allocation of tasks to staff, library discipline, user-services, inter-library co-operation and networking.

- ❖ To assist the librarian in formulating general library policies and regulations which govern the functions of the library,
- ❖ To interpret the purposes and needs of the library to the administration, faculty, and the student body
- ❖ Act as a forum for the discussion of matters relating to the provision of library services
- ❖ Advise the librarian in the determination of the policy for the library

- ❖ Advise academic board in regard to university library services, present an annual report on its activities to the academic board and council, through its members
- ❖ The Library Advisory Committee scrutinizes the merit of documents to be procured for the library
- ❖ The Committee meets frequently to review matters of importance to accord better facilities for the users of the Library.
- ❖ Monitor the operations of the Library.
- ❖ Prepare library annual budgets for presentation to management for consideration.
- ❖ Monitor budget performance throughout the year.
- ❖ Provide an avenue for the Friends of the Library and the community to participate in development and maintenance of library resources.
- ❖ Keep the needs of users under review to ensure that the library is constantly adopting to demand.
- ❖ Keep the human and physical resources of the library under constant review.
- ❖ Regularly review the opening hours of the library to maintain a balance between staffing resources and demand.

❖ **Total Area of The Library (in Sq. Mts) - 15507 Sq. Ft.**

- Total Seating Capacity- **400**
- Working hours ( on working days, on holidays, before examination ,during examination , during vacation)- 13 hrs
- Layout of the Library (Individual reading carrels, longue area for browsing and relaxed reading, IT zone for accessing e- resources) - yes
- Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently- abled users and mode of access to collection- yes

a) Print (books, journals, back volumes and theses) - **82000**

b) Average number of books added during the last three years- 10000 c) Non- Print (Microfiche, AV)- 500

d) Electronic (e-book, e- journals)- IEEE, Delnet

e) Special e-collections ( e.g. text book, reference books, standards , patents)- yes f) Book Banks- yes

g) Question banks- yes

The library provides various facilities to its users which are mentioned as under

- |   |   |
|---|---|
| <input type="checkbox"/> Reprographic facility                  | <input type="checkbox"/> Selective dissemination of the information |
| <input type="checkbox"/> Internet facility                      | <input type="checkbox"/> Current Awareness Service                  |
| <input type="checkbox"/> Digital access through digital library | <input type="checkbox"/> Reference Service                          |
| <input type="checkbox"/> Wi fi enabled environment              | <input type="checkbox"/> Repositories                               |
| <input type="checkbox"/> Inter Library loan                     |   |

**ICT Facilities:**

- ❖ Total number of computer of general access- 10
- ❖ Total number of printers for general access- 1
- ❖ Internet band width speed a) 1 GBPS (BSNL) 10GBPS (ELEXIR)
- ❖ Institutional Repository
- ❖ Content management system for e- learning
- ❖ Participation in resource sharing networks/ consortia (like INFLIBNET, NPTEL)
- ❖ Various E-Learning Resources for



### 6.3.6 Human Resource Management

- ❖ The University has a well-defined policy to academically recharge and rejuvenate faculty members (e.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.
- ❖ Special cultural event for faculties and staff members.
- ❖ Faculty & Staff Welfare Schemes
  - i. LIC of India's Group Gratuity Cash Accumulative Scheme
  - ii. LIC of India's of Employees Deposit Link Insurance (EDLI) Scheme & Employee Group Insurance Scheme (EGI)
  - iii. LIC of India's Group Superannuation Cash Accumulation Scheme In Conjunction With Group Insurance
  - iv. LIC of India's Group Saving Linked Insurance Scheme
- ❖ Annual appraisals, Reward and Recognition Policy to encourage & retain the best faculty/staff.
- ❖ Faculty Development Programmes are conducted every term/semester.
- ❖ 360o appraisal system of faculty, feedback on Management, Peer feedback etc. are a regular features.
- ❖ The faculty members are given training on best practices in ICT and are taught how to use data projectors and visual aids as well as effective Internet use to maximize productivity. Most classrooms in the University are equipped with Data projector, a PC with internet access and necessary complementary teaching aids.
- ❖ All faculty-members are also provided with the facilities of PCs with requisite software and internet facility.

### 6.3.7 Faculty and Staff recruitment

All the vacant teaching posts of permanent nature, plan posts and the temporary posts likely to continue, carrying pay scales as per UGC/AICTE/other statutory Bodies and above are advertised by the University in the form of a composite rolling advertisement on its website. The composite rolling advertisement remains alive all the time and is updated every time when a new vacancy is created or when the earlier advertised positions are filled up by selection. The prospective applicants, therefore, can apply anytime of the year, but the applications will be processed after the cut-off dates indicated beforehand on the website. There is no application fee.

#### At the time of recruitment:

- Recruitment & Promotion Policy based on UGC & Other Statutory Bodies Regulations and is well advertised.
- Appraisal System based on Grade Points System prescribed by UGC, AICTE .

#### While in service:

- Feedback review, monitoring and skill upgradation
- Higher studies & participation in FDP/ Seminars/ Conferences etc.
- Use of E-resources/ virtual Labs and NPTEL material

***The university encourage diversity in its faculty recruitment. The details are:***

Department	% of faculty from the	% of faculty from other Universities within the	% of faculty from Universiti	% of faculty from
Civil Engineering	3.8	7.7	88.55	-
Mechanical Engineering	11.1	7.4	81.48	-
EEE	19.2	15.3	65.38	-
CSE	16.1	48.3	35.48	-
Management	4.1	16.6	79.16	-
Maths	8.3	2	66.64	-
Chemistry	-	45.4	54.54	-
Physics	-	22.2	77.77	-
English	-	21.7	78.26	-
Education	-	19.0	80.95	-
Architecture	-	-	10	-

### 6.3.8 Industry Interaction / Collaboration

Academia-Industry linkage cell has been established in the University, besides interaction with the industry is sought through collaborative programmes like seminars, workshops, internships and research projects. University also encourages inviting experts/resource persons from industries to interact with students. The initiatives taken up by the University include the following:

- Board of Research, Innovation, Consultancy and Entrepreneurship (RICE) constituted in March 2014
- Lingaya's Centre for Incubation and Entrepreneurship (LCIE) 2015 policy has been setup

### 6.3.9 Admission of Students

The University follows all the rules & regulations as per the guideline of All Statutory bodies. The University has online entrance test and a clear cut admission policy. The complete **admission process** for new candidates filling of **ON-LINE Forms**, Depositing the Fee in the University Account in the authorized Bank can be completed On-Line. Virtual visit through the University or visit to various departmental Laboratories and various other facilities such as Library, Sports, Canteens, transport, medical etc Final visits conducted when the Candidate visits in person.

The **Enrollment & Registration** of existing students for the ensuing Semester, generating their Class

Roll Nos and sections, recording the choices of the students for Open Electives, Departmental Electives, Audit Courses can be ,Communicating any deficiencies all done **On- Line through ERP Software.**

6.4 Welfare schemes for

Teaching	<b>04</b>
Non teaching	<b>04</b>
Students	<b>02</b>

- i. LIC of India's Group Gratuity Cash Accumulative Scheme
- ii. LIC of India's of Employees Deposit Link Insurance (EDLI) Scheme & Employee Group Insurance Scheme (EGI)
- iii. LIC of India's Group Superannuation Cash Accumulation Scheme In Conjunction With Group Insurance
- iv. LIC of India's Group Saving Linked Insurance Scheme

6.5 Total corpus fund generated

**Rs. 14.92 Crore**

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	YES	TEAM OF EXPERTS APPOINTED BY VC	YES	COMITTEE APPOINTED BY VC
Administrative	YES	RG LAW ASSOCIATES	YES	REGISTRAR/FO

6.8 Does the University/ Autonomous College declare 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?

- ❖ Reforming examinations to ensure reliability, validity and objectivity with transparency has been on the top agenda of the university for last 5 years. The University has a Standing Committee on Examination Reforms which meets periodically to review the examination system in its minuet details.

- ❖ The university follows semester system with CBCS SCHEME of UGC.
- ❖ To ensure that all the stakeholders are aware of the evaluation processes, the complete syllabuses, including examination and evaluation details are available on the website of the University.
- ❖ It provides elements of evaluation system, credits, calculation of Grade Points, letter grade and promotion rules.
- ❖ After completion of the each semester examination, one month's time is required for declaration of results.
- ❖ Since, there is internal evaluation therefore the measure such as reminders for submission of awards is used.
- ❖ Initiation for collection of awards after evaluation is also taken up simultaneously. Generally results are published on University website. For transparency in the evaluation process answer scripts are shown to students after evaluation. If a student is not satisfied with the marks awarded to him/her, he/she can contest and make a request for re-evaluation in the concerned department via academics section.

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

N/A

6.11 Activities and support from the Alumni Association

Alumni Association has completed eight years of active functioning. Every year, Alumni meeting is organized, where the students interact with the alumni, and the students come to know about the requirements and developments of the professional world. The University organizes alumni meet on an annual basis which connects with the ex-students. Besides, the ex-students are invited in various events of the University, like the Zest, Tech fest, etc

They act as student advisors in the mentoring role. This has helped the present batches to in gaining internships, projects and placements drives and networking once they also pass out.

6.12 Activities and support from the Parent – Teacher Association

The University organise periodically meeting with parents and Teachers due course of period 2015-16. The suggestions and recommendations of the meeting is discussed and communicated to BOS/Aademic Council of the University.

6.13 Development programmes for support staff

The university organises periodically orientation & refresher program for supporting staff and Lab Technicians category-wise. During the period 2015-16, one program is organised for lab staff and ministerial staff.

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

University is aware and also implements proper waste reduction and recycling practices by education and takes a number of initiative to make the campus eco-friendly.

- 1] The use of cigarettes, drugs, alcohol etc., which leads severe diseases like cancer, asthma, etc., is completely prohibited in campus premises. University encourages its students to be teetotaler.
- 2] University encourages the campus environments plastic free and also create awareness for using reusable components.
- 3] Solar water heaters are installed at the roof of boys and girls hostels as well as at the mess area.
- 4] One solar project has already has been taken-up and installed for the generation of electricity of 250kWa.
- 5] All University buses are run by CNG instead of petrol and diesel.
- 6] Rain water harvesting pits had been constructed so as to recharge the water table with the rain water.
- 7] All the ground water levels and its quality are being monitored regularly in consultation with the CGWA.
- 8] Oil and grease traps are provided to remove oil and grease from the surface run- off.
- 9] Suspended matters are removed in a settling tank before its utilization of Rain water harvesting.
- 10] Weep holes in compound front walls are provided to ensure natural drainage of rain water in the catchments area during the monsoon period.
  
- 11] The university has developed green belt on more than 30% of campus area.
- 12] E- waste generated from the university is given to M/s Green Vortex Waste management Pvt. Ltd. for recycling and environmentally sound management contains no other hazardous or radioactive substances

## 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.

1. Complete **Admission process** for new Candidates Filling of **ON-LINE Forms**, Depositing the Fee in the University Account in the authorized Bank can be completed On-Line. Virtual visit through the University or visit to various departmental Laboratories and various other facilities such as Library, Sports, Canteens, transport, medical etc Final visits conducted when the Candidate visits in person.
2. The **Enrollment & Registration** of existing students for the ensuing Semester, generating their Class Roll Nos and sections, recording the choices of the students for Open Electives, Departmental Electives, Audit Courses can be ,Communicating any deficiencies all done **On- Line through ERP Software**.
3. Most of the activities in the University done through **Paperless involvement**, mails and even used paper reused leading to environment safeguard and cost cutting.
4. **ERP system active**, where the teachers have to upload daily attendance, class notes test marks, marks allotted for quizzes & assignments etc. The parents & Students are given login ID & Password for seeing the attendance and marks scored by the student till that date, with provision for SMS information to students and parents.
5. To make students expose to various laboratory technique, problem solving approach, Components, instruments and tools, two weeks **“Hands on Training** classes conducted in beginning of 3rd Semester. Students during this period learn to fabricate small projects of their interest which they like to use in their domestic applications.
6. For the Laboratory Experiments, some of the **experimental kits Fabricated IN HOUSE by Students** themselves under the supervision of Faculty and Lab Staff. These Kits are tested and Calibrated with standard Instruments and used in the Laboratory for further experimentation by the students, This not only trains the students but also motivates them for entrepreneurship after completing the Engineering Courses.
7. **Energy Saving SMART LIGHTS DESIGNED AND FABRICATED by Students** for Corridors, Wash rooms and other such installations resulting in Energy Conservation and saving in Electrical Energy and CONSERVATION of Natural Resources.
8. **Innovation clubs/Incubation Centre are established to encourage innovations and new ideas by the students and faculty members.**

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

Sr. No.	Agenda Item	Action Taken/Processing
1.	To discuss about the grade point awarded by NAAC Peer Team to report the Grievances related to Grade Point to NAAC	Action Taken & Application made
2.	Application for Review the Accreditation of Grade Point of	Review of Accreditation was submitted successfully well within

	NAAC.	stipulated time.
3.	To Appraise about the Application for ranking of University by various agencies	Nominations for Ranking was made to OUTLOOK & CMRI
4.	To Appraise about the Application for ranking of University by NIRF, MHRD, New Delhi	Application made and data was uploaded success fully with all three categories.
5.	To Appoint the Team for processing the Application for NIRF Ranking	Action taken
6.	To develop/modify the feedback forms by stakeholder related to Curriculum, Academic System, Hostel Facilities, Faculty feedback and Result analysis.	Action taken and further processing is under process
7.	Website for IQAC for maintaining & Uploading of Minute of Meeting of the IQAC	Action taken & IT Department has created the website for the same. Uploading of Minutes is under process.
8.	<p><b>ICT Based Teaching Practices:</b></p> <ul style="list-style-type: none"> <li>❖ Use of information Technology such as video conferencing for delivering quality lectures to a large number of students.</li> <li>❖ Use of educational aids such as LCD and overhead projector.</li> <li>❖ Adequate computing infrastructure in terms of PCs, LAN, Internet etc. for use by faculty and students.</li> <li>❖ Access to vast information available in digital library through Internet</li> </ul>	Action Taken and Use of ICT Based Teaching Practices was made compulsory in Campus.
9.	Orientation Program for newly recruited faculty members conducted by senior faculty members and outside experts.	Action taken and all newly recruited Faculty members within Semester were given Orientation by Experts in Presence of University Officials.
10.	Feedback on the performance of faculty members from students and senior faculty members (who attend some of the lectures as an observer).	Though the feedback is the regular process in University but an additional initiative provide the input of teaching feedback for corrective measures and one FDP was also conducted "How to make classroom exiting?"

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

The two best Practices are enclosed at **Annexure II**.

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

7.4 Contribution to environmental awareness / protection

### **Energy Conservation**

Energy is conserved by adopting various precautionary practices

- a) Maximum use of sunlight wherever possible
- b) Electronic equipment's are turned off when not in use.
- c) Before leaving the campus promises all faculties and students are strictly advised to turn off all lights and electronic equipment's
- d) For reducing the energy consumption sharing of equipment's is facilitated.
- e) CFL/LED Bulbs are used through the university instead of conventional bulbs and tube lights.
- f) Most of the computers are updated in order to conserve energy.
- g) Roof of the university meet prescriptive requirements as per Energy Conservation. Building Code by using appropriate thermal insulation material to conserve energy.

### **Use of renewable energy**

- a) Solar water heaters are installed at the roof of boys and girls hostels as well as at the mess area.
- b) One solar project has already been sanctioned and installed for the generation of electricity.
- c) All University buses are run by CNG instead of petrol and diesel.

### **Water harvesting**

- a) Rain water harvesting pits had been constructed so as to recharge the water table with the rain water.
- b) All the ground water levels and its quality are being monitored regularly in consultation with the CGWA.
- c) Oil and grease traps are provided to remove oil and grease from the surface run- off.
- d) Suspended matters are removed in a settling tank before its utilization of Rain water harvesting.
- e) Weep holes in compound front walls are provided to ensure natural drainage of rain water in the catchments area during the monsoon period.

### **e-waste management**

E-waste generated from the university is given to M/s Green Vortex Waste management Pvt. Ltd. for recycling and environmentally sound management contains no other hazardous or radioactive substances.

### **Any other**

- a) **Sewage Treatment Plant (STP)**
  - (i) Sewage Treatment Plant of adequate capacity (113 KLD) is installed.
  - (ii) Treated effluent is recycled to achieve zero discharge during operational phase
  - (iii) Treated effluent is conforming to the norms and standards of CPCB/ HSPCB.
  - (iv) The university is using ultra violet radiation or ozonization for disinfection of treated waste water.
- b) **Solid Waste Management**



- (i) The solid waste generated is being collected and segregated as per the norms.
- (ii) Moreover, the treatment of the segregated solid waste is being done at the approved sites only.

**c) Noise Pollution Control**

- (i) University use low sulphur diesel.
- (ii) All diesel power generating sets used are be of enclosed type to prevent noise and will conform to rules made under EPA 1986, for air and noise emissions standards.
- (iii) The University has monitored noise level and its within permissible limits.

University also takes relevant steps to keep noise in permissible limits.

**d) Water Conservation**

- (i) Provision of dual plumbing is being made for separation of black and grey water.
- (ii) Treated waste water is used for flushing, HVAC water make up and landscaping.

**e) Lingaya's Raahgiri**

Lingaya's University successfully organizes "Lingaya's Raahgiri" in the city of Faridabad on every Sunday in which the young and old from the city participate with lot of enthusiasm. Lingaya's Raahgiri is organized as part of social responsibility in coordination with Haryana Police. This Programme spreads awareness in areas of health, hygiene and Eco friendliness. The students, faculty, staff and their families join the general public in this Endeavour.

**f) Plantation**

Trees are planted specially all around the periphery of the university and on the road sides preferably with local species. Green and beautiful garden is maintained within campus. There is a tradition in university that if any Chief Guest visits the campus, he/she do plantation in the presence of faculty and students.

7.5 Whether environmental audit was conducted?      Yes       No

Yes, the Institute conducts a green audit of its campus and equipments periodically.

- 1] University is aware and also implements proper waste reduction and recycling practices by education.
- 2] The use of cigerates, drugs, alcohol etc., which leads severe disceases like cancer, asthma, etc., is completely prohibited in campus premises. University encourages its students to be teetotaler.
- 3] University encourages the campus environments plastic free and also create awareness for using reusable components.
- 4] University has taken initiatives to conduct various camps in slums, rural areas, etc., for importance of cleainess and environmental awareness.
- 5] University regularly submits six monthly monitoring reports to the SEIAA and the regional office MoEF, GOI, Northern region Chandigarh and HSPCB.

Also our government advises to avoid plastic materials to become eco conscious. Hence emphasis is given on plastic free zone on the campus. Campaigns for prohibition of plastic use are usually conducted by the student volunteers. University has lush green campus.

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

**8. Plans of institution for next year (2016-17)**

- ❖ Availing more sponsored projects from various funding agencies and taking up more in-house projects.
- ❖ Focus on Quality Publications with high Impact Factors
- ❖ Organizing more no. of National/International Conferences in emerging thrust area in Each Departments/School.
- ❖ Development of Software's/Apps for Teaching, Learning & Evaluation.
- ❖ Strengthen the Placements and to promote Entrepreneurship culture for students of Engineering/management.
- ❖ Focus on Consultancy Projects
- ❖ Focus on Start-ups & companies by Students, Faculty & Staff.
- ❖

*Name: Dr. K.K.Mishra*

*Head, Quality Assurance Cell*

*Coordinator, IQAC*



*Signature of the Coordinator, IQAC*

*Name: Dr. R.K.Chauhan*

*Vice-Chancellor, Lingaya's University*

*Chairman, IQAC*



*Signature of the Chairperson, IQAC*

*3.4.2015*

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**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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