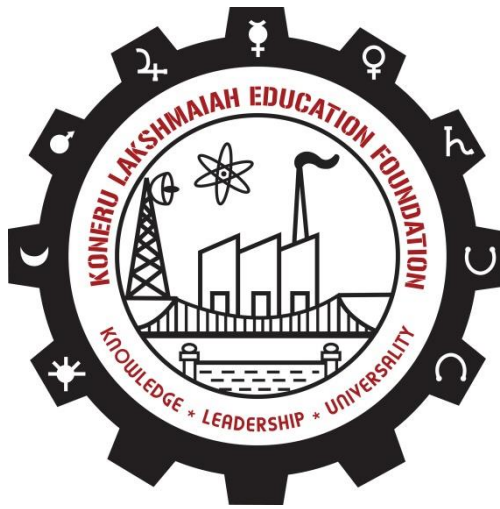


Koneru Lakshmaiah Education Foundation
(Deemed to be University, Estd. U/S. 3 of UGC Act 1956)



Annual Quality Assurance Report (AQAR)

Academic Year: 2012-13

Part – A

I. Details of the Institution

1.1 Name of the Institution

Koneru Lakshmaiah Education Foundation
(Deemed to be University, Estd. U/S. 3 of UGC Act 1956)

1.2 Address Line 1

Green Fields, Vaddeswaram

Address Line 2

Kunchanapalli Post

City/Town

Guntur District

State

Andhra Pradesh

Pin Code

522502

Institution e-mail address

registrar@kluniversity.in

Contact Nos.

0863-2399999(extn: 1212)

Name of the Head of the Institution:

Dr. Gouranga Lal Datta, Vice
chancellor

Tel. No. with STD Code:

0863-2399999(extn:1188)

Mobile:

+91-9640052777

Name of the IQAC Co-ordinator:

Prof. K. Subba Rao

Mobile:

+91-9347567841

IQAC e-mail address:

iqacoffice@kluniversity.in

1.3 NAAC Track ID (For ex. MHCOCGN 18879) 15545

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/62/A&A/123,Date:5-1-2013

1.5 Website address:

<https://www.klef.edu.in>

Web-link of the AQAR:

<https://www.klef.edu.in/pdfs/AQAR-2012-13.pdf>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.16	2013	2018 (5 Years)
2	2 nd Cycle	-	-	-	-
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

10/10/2011

1.8 AQAR for the year (for example 2010-11)

2012-2013

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

This is the first report after the first cycle.

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

(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

1.11 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)

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 Scheme

UGC-CE

UGC-Special Assistance Programme

X

DST-FIST

√

UGC-Innovative PG programmes

X

Any other (*Specify*)

X

UGC-COP Programmes

X

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

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

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

- a) Quality assessment of configuration items
- b) Enhancing the quality of a product / service / process / activity
- c) Quality policy
- d) Implementing quality through Quality Circles
- e) Need for norms and metrics

2.14 Significant Activities and contributions made by IQAC

For assuring Quality and ensuring progressive performance in various activities, the following mechanisms have been developed and activities are conducted by the cell:

1. Audited Calendar of events every month.
2. Reviewed a set of processes that are related to academics and R & D.
3. Coordinated for ISO certification.
4. Coordinated for the NAAC certification.
5. Developed standard formats for reporting outcomes.
6. Developed check lists for auditing elements which are included into monthly reporting.
7. Developed documentation Standards.
8. Organized IQAC meetings with different stake holders.

Regular or periodical tasks undertaken by IQAC

1. Audit is conducted every month based on the monthly reports submitted by various departments and cells. Corrective actions are initiated for improvement.
2. Review of the documentation standards.
3. Undertaking the performance analysis in relation to the norms and targets.
4. Meetings with stake holders.
5. Designing and development of standards.
6. Recommending the required improvements in the processes and procedures.
7. Training the faculty about the quality system.

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
Auditing set of elements which are into a specific report on monthly basis	The elements that are included into the monthly report have been audited, non-conformances have been raised and the same are followed up to ensure that the functionaries have taken up the corrective action.
Auditing Calendar of events once in a month	Auditing of conduction of various events as per the calendar has been undertaken and the non-conformances have been reported
Review of a set of processes that are related to academics and R&D	8 processes have been reviewed for correctness and inaccuracies have been traced and change requests have been raised and follow-up is carried with respective functionaries for ensuring that the changes have been carried out.
Coordinating for ISO and NAAC certification	Coordinated with NAAC and ISO 9001 and obtained certification.
Developing standard formats for reporting outcomes	All formats related to academics and research have been developed and informed to all the concerned to use the same.
Developing check lists for auditing elements which are included into monthly reporting	10 Check lists have been developed for auditing all the elements that have been included into the monthly reporting system.
Developing documentation Standards	Documentation standard for monthly report has been developed and the same is being used by the departments for reporting progress related to various parameters.

* 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

The Management has directed the following after reviewing the AQAR report submitted for the year 2012-13.

1. To check the inclusion of all the elements as reported in the SSR submitted to NAAC for auditing.
2. It is necessary to move to the metric based system as soon as possible.
3. To undertake designing of the standard formats related to all other aspects of educational system.
4. To undertake designing of all the remaining documentation standards such as Course Handout, Lab Handout, project report etc.

IQAC has implemented the above directions.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	12	0	12	12
PG	14	3	14	14
UG	10	0	10	10
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	36	3	36	36
Interdisciplinary	4	0	4	4
Innovative	36	3	36	36

- 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	36

Trimester	-
Annual	-

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

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

1. The University has developed a curriculum design model by considering best of the features of NAAC, ABET and the AICTE recommended course composition structure.
2. 60% of the courses have been designed having the LAB Components along with theory. Many of the courses have been designed integrated with tools that are industry relevant.
3. Experiential learning is made possible through incorporating Operational workouts, Live Projects, Case Studies, Summer Internship.
4. New programs in B. Tech. (Aerospace Engg.), B. Tech. (Nuclear Engg.), B. Tech. (Engg. Physics), BBA-MBA integrated program, M. Tech. (Structural Engg.), MBA (Technology Management) are introduced.

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

1. Centre for RF & Microwave
2. Centre for Robotics & Mechatronics

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
446	299	100	47	--

2.2 No. of permanent faculty with Ph.D.

149

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
44	0	26	0	21	0	-	-	91	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

0	2	172
---	---	-----

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	88	399	0
Presented papers	88	399	0
Resource Persons	1	0	0

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

1. The student need assessment is made before the commencement of the class work.
2. Bridge courses are conducted for students as per the need assessment.
3. Competence based syllabus design.
4. Emerging technologies are introduced through electives in Specialization streams.
5. Multi-disciplinary knowledge is provided through open electives.
6. Course based academic registrations.
7. Usage of active learning methods for course delivery.
8. Conducting remedial classes for weak students.
9. ICT based course delivery.
10. All students are exposed to industrial environment through industrial training for weeks.
11. Teaching research components at UG level.
12. Students are made to implement emerging technologies through Mini projects and Term papers.
13. Tool/Skill based learning.
14. Simulation tool based verification of practical and theoretical learning.
15. Continuous assessment of teaching and learning process based on student feedback.
16. Faculty development through subject based workshops, orientation programs, seminars and conference programs, technology based workshops etc.
17. Recognizing and rewarding the faculty for their best performance and innovation in teaching and learning.

2.7 Total No. of actual teaching days during this academic year 187

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

The following Reforms have been initiated by the institution

- Transparent evaluation system.
- Hybrid grading having both absolute and relative grading.
- Computerization of examination system.
- Elimination of evaluation party by making single faculty to correct the answer of all the students for the same question.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 44 66 618

2.10 Average percentage of attendance of students 90%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Program	Branch	Total no of Students Appeared	Division				
			Distinction %	I %	II %	III %	Pass %
B. Tech.	BT	53	18.87	35.85	28.30	0.00	83.02
	CE	113	19.47	41.59	29.20	0.00	90.27
	CSE	279	44.44	36.92	12.90	0.00	94.27
	ECE	471	63.69	22.08	9.98	0.00	95.75
	ECM	128	33.59	45.31	18.75	0.00	97.66
	EEE	340	34.71	44.41	13.82	0.00	92.94
	ME	399	29.07	42.36	16.54	0.00	87.97
M.Tech.	BT	7	85.71	14.29	0.00	0.00	100.00
	CSE	37	67.57	10.81	2.70	0.00	81.08
	CNS	11	63.64	27.27	0.00	0.00	90.91
	CR	22	22.73	45.45	9.09	0.00	77.27
	VLSI	23	78.26	8.70	0.00	0.00	86.96
	PED	12	50.00	33.33	8.33	0.00	91.67
	PS	9	66.67	11.11	0.00	0.00	77.78
	ES	27	33.33	51.85	0.00	0.00	85.19
	TE	10	30.00	70.00	0.00	0.00	100.00
	CAD/CAM	5	40.00	20.00	0.00	0.00	60.00
	MBA	82	21.95	50.00	21.95	0.00	93.90
	MCA	15	33.33	46.67	13.33	0.00	93.33

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

1. Auditing Records.
2. Process Audit.
3. Reviewing the documents.
4. Analysing the statistical data and reporting.
5. Analysing the progress in terms of LAG and LEAD times.
6. Analysing the deviations from the benchmarks and reporting.
7. Analysing that data inconsistency and reporting.
8. Analysing the data incompleteness and reporting.
9. Analysing the deviations in the conduct of activities as per the plan.
10. Identifying the new processes and recommending the same for improving the quality.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	435
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	622
Faculty exchange programme	0
Staff training conducted by the university	536
Staff training conducted by other institutions	0
Summer / Winter schools, Workshops, etc.	544
Others	0

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	524	0	0	0
Technical Staff	156	0	0	0

Criterion – III

3. Research, Consultancy and Extension

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

Several processes, procedures, systems and standards have been recommended for implementation, that together enhances the quality of research being undertaken. The following recommendations have been made and the same have been considered and implemented by R&D division.

1. To allocate projects to the students in the focussed area of research so that research will progress rapidly.
2. To develop norms that can be used to fix the targets to the faculty for achieving sponsored projects, indexed publications, undertaking the consultancy contracts and achieve patents.
3. To provide In-house funding for the innovative projects that are targeted towards concept proofing.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	20	8	30
Outlay in Rs. Lakhs	44.20	440.97	247.46	1432.57

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	587	66	653	702
Outlay in Rs. Lakhs	99.42	11.18	110.60	118.89

3.4 Details on research publications

	International	National	Others
Peer Review Journals	429	13	13
Non-Peer Review Journals	39	3	0
e-Journals	113	0	0
Conference proceedings	88	399	0

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned(Rs. In lakhs)	Received (Rs. In lakhs)
Major projects	2012-13	DST-WOS-A DST-FTP DBT CSIR ICMR	143.84	132.21
Minor Projects				
Interdisciplinary Projects	2012-13	DST-NRDMS	15.54	5.12
Industry sponsored			1.6	1.6
Projects sponsored by the University/ College	2012-13	KLEF	96.00	93.42
Students research projects <i>(other than compulsory by the University)</i>	2012-13	KLEF	13	12.55
Any other(Specify)				
Total			269.98	244.90

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	1	15	0	0	0
Sponsoring agencies	KLEF	KLEF	-	-	-

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	2
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

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
13	0	13	0	0	0	0

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

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS: University level State level
National level International level

3.24 No. of Awards won in NCC: University level State level
National level International level

3.25 No. of Extension activities organized

University forum	<input type="text" value="0"/>	College forum	<input type="text" value="0"/>		
NCC	<input type="text" value="0"/>	NSS	<input type="text" value="19"/>	Any other	<input type="text" value="11"/>

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

- Blood Group Analysis in Matruchaya Orphanage
- Commodities of Senior Citizens Forum
- A Step Into Computer Education Programme
- Guide
- Blood Donation camp
- Teaching Classes to Illiterate Children
- Awareness on higher education and opportunities
- Smokeless Stoves
- Join School and Home for Blind & Handicapped
- Mineral Water Plant
- Technology Oriented Teaching in Z P H School
- Blood Donation
- Communal Harmony Walk
- Health Awareness Rally
- Medical Camp
- Sramadanam - Cleanliness
- Diabetes Camp
- Plantation Drive
- Awareness to reduce Drop Outs
- Survey
- Sramadanam - Cleanliness
- Independence Day
- Medical Camp
- Distribution of Groceries to Orphanages

- Gandhi Jayanthi
- Cleanliness Drive
- Donation of Books
- Plantation Drive
- Vaccination Awareness
- Sramadanam – Cleanliness Drive
- Republic Day
- International Peace Day

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	43.56 acres	-	-	43.56 Acres
Class rooms	120	6	Internal	126
Laboratories	86	12	Internal	98
Seminar Halls	2	1	Internal	3
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	0	66	Internal	66
Value of the equipment purchased during the year (Rs. in Lakhs)	1408.72	590.73	Internal	1999.45
Others	0	245.76	Internal	245.76

4.2 Computerization of administration and library

1. HR System
2. Finance Systems
3. Meetings System
4. Academic System
5. R and D System
6. Student Information System
7. Faculty Management System
8. Issue System
9. Procurement System
10. Returns System
11. Transfer System
12. Loans System
13. Cataloguing System
14. Search System

4.3 Library services:

	Existing		Newly Added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	79102	172,73,908	8108	29,10,820	87210	201,84,728
Reference Books	22968	75,95,967	1568	9,43,996	24536	85,39,963
e-Books	Nil	Nil	Nil	Nil	Nil	Nil
Journals	272	4,97,926	60	250865 (New+Renewal)	332	250865 (New+Renewal)
e-Journals	7050	13,16,088	7847	21,23,448	14897	21,39,948
Digital Database	1	1,07,865	1	1,75,281	2	1,75,281
CD & Video	4932	15,000	429	5,000	5361	20,000
Others (Specify)	DELNET	11,500	Renewal	11,500	DELNET	11,500

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1374	9	295 MBP S	Entire Campus and Hostels are Wifi Enabled	9	20	12	0
Added	300	1	0 MBP S	Entire Campus and Hostels are Wifi Enabled	1	1	0	2
Total	1674	10	295 MBP S	Entire Campus and Hostels are Wifi Enabled	10	21	12	2

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

1. Use of Internet
2. Hands on with Tools
3. Using ICT Gadgets
4. Hybrid Networking
5. E-learning
6. Using computers for automating

4.6 Amount spent on maintenance in lakhs :

i) ICT	86.48
ii) Campus Infrastructure and facilities	150.38
iii) Equipments	7.18
iv) Others	200.73
Total :	444.77

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. Recommended to constitute student committees at the department level in the beginning of the academic year for each of the support services like Transport, Hostels, Sports etc and to conduct periodical meetings to find any issues related to the Support Services.
2. Recommended to constitute Central Level Committees in the beginning of the academic year for each of the support services like Transport, Hostels, Sports etc headed by a Prof.In-charge for each of the committees. These Central Level Committees takes the inputs from the department level committees, analyse the issues and initiate the corrective steps as per the need.
3. An audit system is developed to audit the functioning of all the department level and central level committees and to initiate the corrective steps based on Non conferences.
4. Recommended to conduct in-house training programs for the students appearing for competitive examinations like TOEFL, GRE and GATE.
5. An audit system is developed to audit the curriculum and quality of faculty for training the students related to placements and competitive examinations and to initiate the corrective steps based on Non conferences.
- 6.

5.2 Efforts made by the institution for tracking the progression

1. The senior faculty of the university have issued letter of recommendations to the students to apply for PG programs abroad.
2. The faculty of the University have lesioned with the professors of the foreign University for obtaining the funding to the students who intends to pursue higher studies in foreign institutions.
3. In-house training programs have been conducted for training the students for competitive examinations like GRE, GATE, CAT, GMAT, ILETS etc.
4. Implemented credit transfer systems.
5. Impended Twinning programs.
6. Conducted industry focussed rigorous Campus placement related training programs.

7. Developed and implemented a Tracking system to monitor the progress of placement of each of the student.
8. Introduced courses that focus on skill and communication development as part and parcel of academic system.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
8633	578	56	0

(b) No. of students outside the state

375

(c) No. of international students

169

Men	No	%	Women	No	%
	6730	73.06		2481	26.94

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
6001	307	68	1547	2	7925	7217	208	28	1754	4	9211

Demand ratio: 6.76

Dropout % : 2.49%

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

In House Training programs have been conducted for coaching the students for competitive examinations which include GRE, GATE, GMAT, TOEFL, IELTS, CAT.

No. of students beneficiaries

710

5.5 No. of students qualified in these examinations

NET	0	SET/SLET	0	GATE	80	CAT	11
IAS/IPS etc	0	State PSC	0	UPSC	0	Others	50

5.6 Details of student counselling and career guidance

Very effective student Counselling system is being followed by the University.

1. Allocation of one Faculty member for every 20 students.
2. Interaction of the counsellor with the students once in a week.
3. Interaction of the counsellor once in a week over phone or through message.

4. Interaction of the Psychologists with identified students for addressing the psychological issues.
5. Career guidance to the students once in a month through career guidance cell.

No. of students benefitted

9211

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
69	1230	739	115

5.8 Details of gender sensitization programmes

The University has been carrying gender audit every year. The statistics show good percentage of women prefers to join the University. To create a supportive and encouraging atmosphere for women faculty, staff and students, the following are implemented within the University:

1. Health awareness camp for women students.
2. Seminar on ‘My Faith is in the Younger generation’.
3. Abusing women detection.
4. SAHELI: “Personality Development”.
5. Seminar on Violence against women – Issue + Challenges.
6. Workshop on entrepreneur skills in women.
7. Women’s day celebrations for motivating women faculty and Girl students.
8. Displaying special posters on women rights and privileges in corridors by Women Protection Cell (WPC), towards sensitizing male staff and students.
9. Maintain girl student strength to be at least 33%.
10. During the recruitment of the faculty and the staff gender balancing is done.
11. Provided a separate counselling service to the Girls through established women forum.
12. Women in engineering STAR programme.

5.9 Students Activities

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

State/ University level

18

National level

163

International level

0

No. of students participated in cultural events

State/ University level National level International level

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

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	7374	256659700/-
Financial support from government	19	1824000/-
Financial support from other sources	0	0.00
Number of students who received International/ National recognitions	0	0.00

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: _____ - _____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision: To be a globally renowned University.

Mission: To impart quality higher education and to undertake research and extension with emphasis on application and innovation that cater to the emerging societal needs through all-round development of students of all sections enabling them to be globally competitive and socially responsible citizens with intrinsic values.

6.2 Does the Institution has a management Information System

1. The University has implemented a state of the art ERP system. All the faculty at different levels in their positions are defined with proper access rights.
2. The information required by an employee of the university is provided through ERP systems as per their access rights.
3. The ERP system is built with intelligence to aggregate, summarise the information and provide the details required as per the level of the employee within the organization.

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

6.3.1 Curriculum Development

1. Feedback on curriculum is taken from various stake holders including parents, alumni, industry, academic peers and various students.
2. A study is conducted to find the emerging technologies and societal needs
3. Industry persons have provided inputs related to their requirements
4. Program objectives and student outcomes are extracted
5. Courses are selected that match the expected outcomes.
6. The relationship among the courses are identified and structured according to the order of learning.
7. Practice sessions that relate to a topic are also identified
8. Syllabus is reviewed periodically by the Department Curriculum Development Committee in which all the feedback points given by various stakeholders are analysed. Necessary suggestions are incorporated.
9. B.O.S (Board of Studies) meeting is conducted twice in the academic year in which outside academic peers are also involved. Syllabus as per the requirement of industry and societal needs is upgraded and is sent to the Academic Council of the University for Approval.
10. After getting the approval of the Academic Council, the syllabus is released for implementation.

6.3.2 Teaching and Learning

1. Ensuring highly Qualified and experienced faculty are recruited and retained.
2. Encouraging the faculty to upgrade their knowledge by deputing them to participate in workshops, conferences, seminars, industrial training etc.
3. Conducting number of training programs for the faculty through self-financed “Academic Staff College” of the University for enhancing the skills of faculty.
4. Upgrading the laboratories with the latest equipment for ensuring the effective exposure of students and faculty.
5. Establishing industry oriented special laboratories.
6. Lesson plan preparation for uniform coverage of syllabus.
7. Appointment of Course Co-ordinators to ensure uniform course delivery.
8. Updating the e-learning sites with the presentations by the faculty which are accessible to the students online.
9. Effective usage of simulation tools for making the students to simulate the real life environment.
10. Training the students in using several tools on their own Laptops.
11. Offering number of Academic flexibilities to the students.
12. Effective academics counselling mechanism for counselling the students.
13. Identifying the slow learners and advising them during the process of course selection.
14. Student centric learning related initiatives in the class rooms.
15. Inculcating self and active learning in students through assignments and tutorials.
16. Monitored internship program through PRACTICE SCHOOL. (Training in industry)
17. Term papers, Mini projects for effective application of concepts.
18. Delivery by few courses by foreign faculty.
19. ICT enabled class rooms.
20. Exposing the students to “All India Virtual Class Room” initiated by MHRD.
21. Conduct of Subject based seminars.
22. Conduct of Subject based Workshops.
23. Organising Guest Lectures by renowned academicians and industrial experts.
24. Conduct of industrial skills focussed Certificate Courses.

6.3.3 Examination and Evaluation

1. Continuous evaluation system in the form of Tests, Assignments, Seminars, viva-voce and end semester final examination.
2. Lab component is embedded with theory component for the evaluation of complete “COURSE”.
3. Implemented Hybrid system of Absolute and Relative grading system.

4. Elimination of evaluation party by making single faculty to correct the answer of all the students for the same question.
5. Introduced a system of checking and counter checking of the valuation system.

6.3.4 Research and Development

1. Grouping faculty into various “Research Groups” based on their research interests to facilitate concentrated effort towards exploring various research problems.
2. Exploring research through students by making them solve research problems within the scope of different courses, term papers and student projects.
3. Making high bandwidth available for those who undertake cutting edge research.
4. Subscribed to SCOPUS for facilitating the faculty to search for high cited and indexed articles in the similar areas of research being conducted by the research groups.
5. Making the students to take up concept based and innovative projects through internal funding.
6. Enhanced the library with quite a number of e-resources.
7. Conducted Conferences and workshops in around the focussed areas of research.
8. Deputed faculty to the conferences which are related to focussed area of research.
9. Introduced incentives to foster research and publishing the same in indexed journals.
10. Faculty have applied for sponsored projects in prominent areas identified by Government of India.
11. Have developed innovative centre where the research investigations are incubated and same are used for high level testing.
12. Organised courses for scholars which are focussed to the research being conducted by the scholars.
13. Pre-Ph.D papers have been standardised and quality assessed by eminent professors and the same have been used for the pre-Ph.D examinations.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library:

1. Implemented high speed search engine using which the availability of either the books or Journals can be verified.
2. The library augmented with all the books required for delivering the courses.

3. The time required for fetching a resource from the library has been minimised.
4. Implemented an Integrated Library management system.
5. Implemented Inter-Library transaction system.
6. Library Timings have been enhanced for achieving access of the students and the faculty at the time is required
7. High speed Internet Bandwidth is made available to access the e-resources with ease.

ICT:

1. A separate department “ET facilities and Animation” is established for procuring and maintaining all the ICT enabled teaching aids in classrooms, conference halls etc.
2. All the classrooms are ICT enabled.
3. Video conferencing facility is made available for students and faculty.
4. The faculty uses an ICT facility matching to the topic of delivery.

6.3.6 Human Resource Management

1. Recruiting qualified and experienced faculty by properly constituted selection committees.
2. Maintaining the faculty student ratio as per the applicable norms.
3. Deputing the faculty for conferences, workshop for up-gradation of knowledge.
4. Implementation of Welfare schemes for faculty and staff.

6.3.7 Faculty and Staff recruitment

1. Faculty with higher qualification are only considered for recruitment. (M. Tech. is minimum in case of Engineering, Ph. D in case of Management and Humanities).
2. Faculty with considerable experience only are considered for recruitment.
3. Faculty with Research potential and industrial experience are given preference.
4. Constituted Committee for each department conducts the recruitment process effectively by conducting written test, followed by interview in different phases which ensures the Quality of recruitment process.
5. Staff recruitment is also through a constituted committee for each department which take into consideration the qualification, experience and performance in interview for ensuring the quality of recruitment process and quality of recruited Staff.

6.3.8 Industry Interaction / Collaboration

1. Industrial visits are organized for students.
2. Students are sent for one month internship to various reputed industries after the 2nd year B.Tech during their summer break.
3. Students are sent for 6 months monitored internship to various industries during their final year engineering. (PRACTICE SCHOOL)
4. Management students are sent for 3 months internship to various reputed industries.
5. Guest lectures are organized with Industrial experts.
6. Workshops are conducted involving Industrial experts.
7. Industrial experts suggestions are duly considered in the process of developing curriculum.
8. Certificate courses are conducted which are in accordance with the needs of the industry that enhance the related skills of the students.
9. Campus placements in various reputed companies are provided to all the eligible students.
10. Active M.O.U.s are entered into with good number of industries.

6.3.9 Admission of Students

1. An all India basis entrance examination is conducted by the University in various states of the country for admission of students.
2. Academic percentage (10+2 level) is also given due weight-age in the admission process.
3. Performance in National level competitive examinations like JEE and State level examinations like EAMCET are also considered in the admission process.
4. Reservations are followed in the admission process including reservation for girl students.
5. Admissions are given under the Sports and extra curricular activities category to the deserving students.

6.4 Welfare schemes for

Teaching	Med claim
	Gratuity
	Fee Concessions to the Children of Employees
	Fee reimbursement to children of the faculty who study outside the university
Non-teaching	Med claim
	Gratuity
	Fee Concessions to the Children of Employees
Students	Free counselling to all the students.
	Dispensary and ambulance facility.
	Fitness centers with state of the art equipment.
	Yoga and Sports.

6.5 Total corpus fund generated

10,00,00,000/-(Rupees Ten Crores Only)

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	✓	ISO	✓	Director IQAC
Administrative	✓	ISO	✓	Director IQAC

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

For UG Programmes

Yes No

For PG Programmes

Yes No (Within 60Days)

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

1. Transparent examination system.
2. Hybrid grading which has both absolute and relative grading.
3. Computerization of examination system.
4. Elimination of evaluation disparity by making single faculty to correct the answer of all the students for the same question

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

Not applicable, University has no affiliated / constituent colleges

6.11 Activities and support from the Alumni Association

1. 5th January 2012 Civil Department conducted a guest lecture by Mr. P. Ravi Kumar.
2. 10th January 2012 ECM Department conducted a guest lecture by Mr. C. Vivekananda.
3. Alumni Association conducted a guest lecture on 1st March 2012 organised by ECE Department.

6.12 Activities and support from the Parent – Teacher Association

1. At the time of admission, Parents are explained about all the activities of the University with which student effectively progress in the University.
2. After evaluating the student in each component, performance of the student is sent to the parent along with the details of attendance.
3. Counsellor earmarked to the student is in touch with the parent on continuous basis and inform the parent about the progress of ward.
4. Parents meet is conducted every year and suggestions, feedback of the parents is taken by the department on various aspects

6.13 Development programmes for support staff

1. Training programme on English Communication Skills for Supporting Staff.
2. Lab Technicians were trained by the respective faculty in-charges of the labs in each Department.

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

1. Eco-friendliness is the policy of the University. Lawns, Gardens, and Major trees are given utmost importance and required care is taken to maintain the Campus Green, even while new constructions are initiated.
2. Approach roads are lined with trees and shrubs in and around the campus.
3. Use of Plastic is banned in the campus.
4. Different coloured dust bins are used to drop the biodegradable waste, recyclable paper waste and other wastes.
5. Bio-Diversity park is maintained which shelters various types of rabbits, cocks, ducks, parrots, monkeys etc.
6. Biogas plant is being used by the University to generate biogas from the hostel waste.
7. Solar heating system has been in use for heating water in hostels.
8. Rain water harvesting is made, and recycled water is used for gardening.
9. Sewage treatment plant is maintained.
10. Students and faculty are organizing various awareness camps such as “No to Plastic”, “Switch OFF.. when not in Use”, “Clean and Green” etc.

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.

Number of innovations has been introduced during the academic years which have created a positive impact on the functioning of the University. A few of them are as follows:

1. Releasing the calendar of activities for the entire academic year in the beginning which helped the departments to plan their activities as per the calendar.
2. The course coordinator system for multi sections has resulted in to uniform coverage of syllabus and uniform delivery in multi sections.
3. Uploading of course content in e-learning sites has helped the students in better accessing of content.
4. Organizing subject based Seminars, Subject based workshops have helped the faculty and students to enhance their core technical skills.
5. Course delivery by foreign faculty has helped the students to have the international exposure.
6. Offering Academic flexibilities like Degree with specialization, interdisciplinary electives etc... have helped the students to have better exposure in their selected areas.
7. Involving students in various committees has helped the students to share their thoughts for further improvement of system.
8. Operating hobby clubs in the University has helped the students to involve as per their choice of interest (hobbies).
9. Conducting Seminars and Group discussions on weekly basis has helped the students to improve their communication skills.
10. Guest lectures, Industrial visits, Industrial training and Practice school have enhanced the student exposure to various industrial processes.
11. Organizing International Conferences by the departments has helped the faculty and students to have exposure in latest areas of research.

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

S. No.	Plan of Action for innovation	Action taken report
1.	Releasing the Calendar of activities for the entire academic year.	Released the Calendar of activities for the entire academic year for implementations.
2.	Allocating the Course coordinators for multi section courses.	Course coordinators are allocated for multi section courses.
3.	Uploading the course content in e-learning sites.	All the faculty uploaded the course content in their e-learning sites.

4	Organising subject based seminars and subject based workshops.	Subject based seminars and subject based workshops are organized by the departments.
5.	Delivering a part of course by foreign faculty.	Few courses were delivered by Foreign faculty covering various departments in the university.
6.	Offering Academic flexibilities	Offered Academic flexibilities to students.
7.	Involving students in various committees.	Involved students in various committees for better improvement in the system.
8.	Operating hobby clubs in the University.	Operated hobby clubs in the University and students are enrolled as per their choice.
9.	Conducting seminars and group discussions for students	Conducted seminars and group discussions for students.
10.	Exposing students to various industrial processes.	Exposed students to various industrial processes through Guest lectures, Industrial visits, Industrial training & Practice School.
11.	Organising International conferences by the departments.	Organised International conferences in all the departments.

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

1. IQAC monitoring system for various academics and student development activities has been established.
2. Course coordinator system was implemented for ensuring uniform coverage of syllabus and uniform delivery mechanism in all sections of the course.

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

7.4 Contribution to environmental awareness / protection

Students and faculty are organizing various awareness camps such as “No to Plastic”, “Switch OFF when not in Use”, “Clean and Green” etc...

7.5 Whether environmental audit was conducted? Yes No

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

1. Students are involved in various committees and their inputs are analysed for improvement in the processes and system.
2. SWOT analysis of placement registered students is done periodically and necessary training is imparted to the students in accordance with their weakness.
3. Technical certificate courses are offered in all the departments for enhancing the skills of the students.

4. Certificate course in sports is made compulsory for all the students.
5. Research clubs and research groups are constituted for strengthening the research.

8. Plans of institution for next year

- To conduct international conference in department of Electronics & Communication Engineering
- To apply and to aim for FIST funding from DST.
- To apply and aim for few faculty research awards..

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

_____***_____

Academic Calendar for the year 2012-13**Academic calendar for B. Tech and M. Tech programs**

Registration	14 th December, 2012
Commencement of Class Work	15 th December, 2012
Assignment Week *	28 th January, 2013 to 4 th February 2013
Test -1 **	4 th March to 9 th March 2013
Cultural Festival	KLU Festival 22 nd & 23 rd February, 2013
Quiz Week	1 st March, 2013 onwards
Internal Lab Exam Week (During Lab hours only)	2 nd week of April, 2013
Last Instruction day	1 st April, 2013
Test -2	12 th , 13 th & 15 th April, 2013
Preparation Holidays	16 th April to 21 st April 2013
End Semester Exam starts	22 nd April, 2013 - 11 th May, 2013
Summer term classes from	12 th May, 2013
Semester break	1 st May - 7 th July, 2013
Registration for First Semester (2013-14)	1 st July, 2013
Commencement of Class work for. 1 st semester - Next Academic year	9 th July, 2013

Academic calendar for MBA program

ODD semester	
Registration	30 th July 2012
Commencement of classwork	31 st July 2012
Surprise test-1	3 rd to 8 th September 2012
1 st Internal assessment examination	17 th to September 2012
Surprise Test-2	5 th to 10 th November 2012
2 nd Internal assessment	19 th to 22 nd November 2012
Last Instruction day	30 th November 2012
Commencement of comprehensive examination	3 rd December 2012
Semester Break	12 th to 16 th December 2012

Even semester	
Registration	17 th December 2012
Commencement of classwork	18 th December 2012
Surprise test-1	1 st to 6 th February 2013
1 st Internal assessment examination	18 th to 20 th February 2013
Surprise Test-2	15 th to 19 th March 2013
2 nd Internal assessment	4 th to 7 th April 2013
Last Instruction day	9 th April 2013
Commencement of comprehensive examination	22 nd April to 30 th April 2013
Semester Break	1 st May to 29 th June for UG students 1 st May to 27 th July for PG students

Curriculum is completely restructured before beginning of this academic year and the feedback on the same is taken before the commencement of the next year.

Best practice: Quality Monitoring System

1	Title of the Practice	Quality Monitoring system
2	Objectives of the practice	<ol style="list-style-type: none"> 1. To make everybody know about quality assurance plan 2. To conduct audits and reviews, find non conformances and fix the deviations 3. To make everybody know about performance metrics and targets to be achieved 4. To include new processes, procedures, norms, standard and benchmarks to be used for assessing quality of the educational system
3	The Context	<ol style="list-style-type: none"> 1. Everybody who work with educational system at KLU must be aware of the quality assurance activities that will be conducted during the course of academic delivery 2. The faculty, students and staff must be aware of norms, standards, metrics and bench marks that lays the basis for achieving quality 3. All the stake holders of the educational system at KLU must be aware of the procedures that are to be followed while designing, development and delivering the educational system. 4. Everybody must also be aware of the quality requirements that must be met with while delivering the academic system 5. The deviation if any noticed in achieving the quality must be reported and corrected.
4	The practice	<p>Practice</p> <ol style="list-style-type: none"> 1. Develop quality assurance plan right before the commencement of a semester and integrate the same with overall calendar of events 2. Initiate new processes, methods, standards, metrics and bench marks if any to be added to the ones being followed already 3. Conduct training programs to make all the newly recruited faculty and staff know about the quality system followed in KLU especially the standards and procedures <p>Limitations/ Constraints</p> <ol style="list-style-type: none"> 1. Availability of the calendar dates without any overlapping
5	Evidence of	<ol style="list-style-type: none"> 1. It has been noticed that non-conformance are in declining trend

	the success	<ol style="list-style-type: none"> 2. The performance of the students and faculty are within the region of bench marks 3. Deviations could be known quite ahead and corrections are taken accordingly.
6	Problems encountered and resource required	<p>Problems Encountered</p> <ol style="list-style-type: none"> 1. Faculty at times are constrained to maintain quality related records 2. Sometimes the records are in-complete <p>Resources required</p> <ol style="list-style-type: none"> 1. Faculty for undertaking Audits 2. Support staff for doing documentation 3. Planner / Analyst for undertaking planning and monitoring and follow-up 4. Office related equipment and software 5. Fully documented norms, metrics, processes, standards and benchmarks

Best practice: Course Coordination System

1	Title of the Practice	Course Coordination System
2	Objectives of the practice	<ol style="list-style-type: none"> 1. To deliver a multi-section course by several teachers with different levels of expertise uniformly across all the sections of the students who have registered for the same course 2. To be able to design an effective and efficient delivery system for a specific course 3. To conduct a workshop among the faculty to share and enrich their knowledge 4. To be able to develop specifications related to Applications, projects, LABS and Tutorials
3	The Context	<p>More students' registers for the same course offered in a semester. All the students registered for the same course are grouped into sections as per the choice of the students.</p> <p>Faculty having expertise in the course concerned are selected and assigned to deliver the course.</p> <p>All faculty have to teach all the students in a uniform manner pacing the delivery as per the time schedule. All faculty will maintain the same standard of delivery so that all the students in all sections can be tested in similar manner.</p> <p>A course coordinator who is generally a senior professor is appointed who will periodically check the delivery process and also organises coordination meetings to suggest improvements if any required.</p>
4	The practice	<p>Practice</p> <ol style="list-style-type: none"> 1. Select the courses which are multi-section oriented 2. Select competent faculty who has expertise to teach the same subject 3. Appoint a senior professor as a course coordinator 4. The entire faculty together will set the course outcomes and design the learning material and schedules for the delivery in such a way that the outcomes could be achieved. 5. All the faculty will participate in a workshop conducted prior to the commencement of the

		<p>course delivery</p> <p>6. Course coordinator will coordinate the course delivery, conduction of examinations, compilation of the results, making result analysis</p> <p>7. Course coordinator at the end of the course will develop a report indicting the improvements to be made in the next delivery</p> <p>Limitations/ Constraints</p> <p>1. Identifying and improving the weak students considering all the students situated in various sections</p> <p>2. The group size will become too much when more number of students registers for the same course</p>
5	Evidence of the success	<p>1. Negligible variability in the delivery of the course is noticed looking at the examination results.</p> <p>2. Increase in the ability of the faculty to deliver the course as designed has been noticed.</p>
6	Problems encountered and resource required	<p>Problems Encountered</p> <p>1. Any delay by a teacher in delivering the course required adjustments and some extra time planning</p> <p>Resources required</p> <p>1. Meeting place, support for undertaking documentation, facilities for undertaking teacher based subject based workshops</p>
7	Notes	Nil