

*Guidelines for the Creation of the*  
**Internal Quality Assurance Cell (IQAC)**  
**and Submission of Annual Quality Assurance**  
**Report (AQAR) in Accredited Institutions**  
*(Revised in October 2013)*



**राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्**

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

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

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

#### I. Details of the Institution

1.1 Name of the Institution	Kalasalingam Academy of Research and Education
1.2 Address Line 1	Anand nagar
Address Line 2	Krishnankoil
City/Town	Srivilliputhur
State	Tamilnadu
Pin Code	626126
Institution e-mail address	info@kalasalingam.ac.in
Contact Nos.	04563-289042
Name of the Head of the Institution:	Dr.S.Saravanasankar
Tel. No. with STD Code:	04563-289042
Mobile:	9965917109

Name of the IQAC Co-ordinator:

Dr.C.Sivapragasam

Mobile:

9003613130

IQAC e-mail address:

iqac@klu.ac.in

1.3 NAAC Track ID (For ex. MHC0GN 18879)

TNUNGN10150

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/52/A&A/04 dated 28.3.2010

1.5 Website address:

www.kalasalingam.ac.in

Web-link of the AQAR:

<http://kalasalingam.ac.in/site/wp-content/uploads/2014/12/AQAR2013-14.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B	2.81	2010	2015
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

26/06/2010

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

2013-2014

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

- i. AQAR \_\_\_\_\_ 10/06/2011 \_\_\_\_\_ (DD/MM/YYYY)4
- ii. AQAR \_\_\_\_\_ 15/07/2012 \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ 20/11/2013 \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

1.10 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(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)

Not applicable

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  DST-FIST

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

UGC-COP Programmes

## **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 4

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

2.14 Significant Activities and contributions made by IQAC

Formulation of quality parameters

Formulation of IQAC students council to monitor department progress.

Formulation of industry and alumni industry advisory board.

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 \*

S.No	Work plan	Month & Year
1	Dissemination of information on the various quality parameters of higher education by release of IQAC newsletter	
2	Conduct of meeting with IQAC students council	Monthly
4	Conduct of national level IQAC workshop during even semester of this academic year by sponsoring	Dec 2013
5	Organize orientation programmes for the faculty members and non-teaching staffs in the themes of quality in higher education	Oct 2013
6	Development, testing and the implementation of online feedback mechanisms for all stakeholders	Through out the year
7	Documentation of two best practices leading to quality improvement in our existing administrative and academic systems	Dec 2013
8	Preparation and submission of the annual quality assurance report (AQAR) to be submitted to NAAC based on the quality parameters	July 2014
9	Conduct of quarterly IQAC meeting	Sep 2013 Dec 2013 Mar 2014 June 2014
10	Preparation and submission of department level IQAC report to be submitted to KLU-IQAC based on the outcome of quarterly department level IQAC meeting	Sep 2013 Dec 2013 Mar 2014 June 2014

2.15 Whether the AQAR was placed in statutory body  Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

The board of management has approved the AQAR and advised to submit to NAAC at the earliest.

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	19			
PG	35	1		
UG	17	3		
PG Diploma				
Advanced Diploma				
Diploma		1		
Certificate				
Others				
<b>Total</b>	<b>71</b>	<b>5</b>		
Interdisciplinary				
Innovative				

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

- CBCS – the student has the freedom to choose the courses of his/her interest- nearly 40% of the syllabus
- Elective schemes- Professional major electives, Professional minor electives, free electives, self study electives and humanities electives.
- Full semester project for final year B.Tech students in Industry and Research laboratories.
- Transparent evaluation system. Early publication of results (within 10 days)
- Summer term courses to clear arrear subjects.
- Semester abroad scheme- MoU with 20 foreign universities
- Exposure to multi – domain knowledge through free elective and minor elective courses.
- Personality development, skill development programs are mandatory for the students to make them as all round engineers- NonCGPA credits.
- Faculty advisory system to the students to cope up with the academic system for individual's betterment.

Provision of flexible facilities are:

- Substitution of one elective by another elective
- Class committee meeting of every class of the B.Tech programme are regularly conducted.
- Make-up examination for the students who miss the examination due to genuine reason.
- Improvement of grades through improvement examination.
- Students exercising their options for subject teachers.
- Option of performing additional courses for Honor's degree
- Choosing of electives from PG programme (Honors)



(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	20 UG, 36 PG
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.

Yes, Computer Science and Engineering – 24.01.2014, B.Arch – 11.4.2014, Computer Applications – 12.04.2014, Chemistry- 30.4.2014, Electronics and Instrumentation Engineering- 08.05.2014, Biotechnology – June 2013, Syllabus updated once in three years.

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

NIL

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
306	213	55	38	-

2.2 No. of permanent faculty with Ph.D.

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
7	0	0	0	1	0	2	0	10	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level

Attended	13	37	5
Presented papers	74	88	14
Resource Persons	4	3	5

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

1. Software based assignments
2. Regular visit to industries
3. Guidance to weak students
4. Miniproject is compulsory.

2.7 Total No. of actual teaching days during this academic year 90 per semester

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

1. HoDs are asked to check the quality of internal (continuous assessment) test questions before sending the question papers for photo copying. The question papers are improved based on the comments from HoDs which has resulted in reasonably tough and quality question papers.
2. External question paper – Question paper for the end semester will be called for from external experts.
3. External Question paper Auditing-End Semester question papers are audited by external academic experts. Based on the feedback given, faculty members ask detailed questions. Students are made to study the subjects in detail so that they become more knowledgeable. Application oriented questions make students to gain knowledge in design. Distribution of valued answer sheets along with key to students (transparency)
4. Dummy numbering process – Answer sheets are encoded
5. External valuation

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 306 - -

2.10 Average percentage of attendance of students 93%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division (%)
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		Honors	Distinction	First Class	Pass
BIUG	40	11.11	0.00	69.44	19.44
CIVUG	165	7.35	2.21	57.35	33.09
CSESHIP	50	8.33	5.56	63.89	22.22
CSEUG	107	12.12	4.04	52.53	31.31
ECEUG	143	3.65	5.84	75.91	14.60
EEEUG	92	3.49	4.65	75.58	16.28
EIEUG	43	5.00	0.00	57.50	37.50
INFOUG	48	9.76	2.44	75.61	12.20
MECHSHIP	33	0.00	7.69	61.54	30.77
MECHUG	236	4.21	0.47	71.96	23.36
BEDHI	18	NA	44.44	55.56	0.00
BIOPG	3	NA	0.00	100.00	0.00
CIVCE	6	NA	66.67	33.33	0.00
CIVTP	2	NA	100.00	0.00	0.00
CSENW	12	NA	75.00	16.67	8.33
CSEPG	32	NA	34.38	62.50	3.13
ECEDCN	9	NA	66.67	22.22	11.11
ECEVLSI	8	NA	100.00	0.00	0.00
EEEEEST	15	NA	50.00	50.00	0.00
EEEPED	6	NA	50.00	50.00	0.00
EEEPSE	8	NA	75.00	25.00	0.00
EIEPG	13	NA	76.92	23.08	0.00
INFOPG	17	NA	35.29	64.71	0.00
MBAPG	178	NA	9.66	62.07	28.28
MCAPG	60	NA	5.17	58.62	36.21
MECHASE	2	NA	100.00	0.00	0.00
MECHEE	2	NA	100.00	0.00	0.00
MECHISE	6	NA	83.33	16.67	0.00
MSCCT	5	NA	66.67	33.33	0.00
MAT_MPHIL	1	NA	100.00	0.00	0.00

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

- \* Recommends faculty members for attending FDPs and training programs both through internal and external resource persons.
- \* Analyses the student feedbacks and gives constructive suggestions to faculty members
- \* Creates awareness about latest development in teaching learning processes
- \* Academic auditing is done for faculty members and question paper by external experts
- \* Half yearly academic auditing is done by internal committee consisting of senior members.

## 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	25
Faculty exchange programme	1
Staff training conducted by the university	237
Staff training conducted by other institutions	27

Summer / Winter schools, Workshops, etc.	45
Others	-

#### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	282		29	
Technical Staff	188		19	

### Criterion – III

## 3. Research, Consultancy and Extension

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

- Publication of UG projects in conferences and journals.
- Motivating students for summer fellowship
- Initiative by KLU management to establish International Research Centre
- Promoting faculty research based electives for students

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	6	16	3	29
Outlay in Rs. Lakhs	108.67	494.59	35	151.38

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	1	1	-
Outlay in Rs. Lakhs	0.1	-	0.1	-

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	137	30	1
Non-Peer Review Journals	27	12	-
e-Journals	21	11	-
Conference proceedings	104	61	-

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

Range 0.32-8 Average 0.89 h-index 33 Nos. in SCOPUS 85

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3-5	BRNS,DST,DBT,DST-FIST,CSIR,ICSSR,IIPA	337.03	183
Minor Projects	6 Months-1 Year	TNCST, Central Institute of Tamil	2.6	1.26
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total			339.63	184.26

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	6	3	-	-
Sponsoring agencies	-	IEI,DAE,DST,DRDO	IEI	-	-

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

246.76

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	12
	Granted	1
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

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

Total	International	National	State	University	Dist	College
4	2	1	1	-	-	-

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

78

228

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

12

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

JRF

7

SRF

3

Project Fellows

Any other

3.21 No. of students Participated in NSS events:

University level

3

State level

National level

International level

3.22 No. of students participated in NCC events:

University level

105

State level

-

National level

25

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

25

International level

3.25 No. of Extension activities organized

S.No.	Schedule/ Date	Participants	No. of Participants	Extension activities	Sponsored by
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University forum

College forum

NCC

NSS

Any other

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

Responsibility

1.	31.08.2013	Govt Hr.Sec. school, Thalavaipuram, Govt Hr.Sec. school, Krishnankoil	105	Laboratory Practical classes for Higher Secondary school students	Department of Physics, Kalasalingam University.
2.	23.09.13 & 24.09.13	M/S convent Hr.Sec. school, Srivilliputhur	193		
3.	28.9.13	Govt Hr.Sec. school, Mamsapuram	130		
4.	19.10.13	Govt Hr.Sec. school, Nadaiyeneri	97		
5.	26.10.13	Govt Hr.Sec. school, Nadaiyeneri	91		
6.	09.11.13	Hagi sikkandhar hajbeevi girls Hr.Sec. school, Virudhunagar & Sri saratha ssakthi Metriculation Hr.Sec. school, Virudhunagar	107		
7.	12.11.13	Annai Velankanni matha Matriculation Hr.Sec. school, Sivakasi	46		
8.	13.11.13	Kalaimagal Hr.Sec. school, Ramachandrapuram	100		
9.	23.11.13	Almin Muslim Hr.Sec. school, Aruppukkottai	73		
10.	3.1.2014	Govt Hr.Sec. school, Sundarapandium, Govt Hr.Sec. school, Mettukundam	92		
11.	7.10.2013 to 11.10.2013	Panchayath Secretaries from srivilliputtur	26	Training Programme on Information & Communication Technology skills	Centre for TIFAC CORE in Networking engineering, Kalasalingam University.
12.	21.10.2013 to 25.10.2013	Panchayath Presidents from Srivilliputtur	26	"	"
13.	28.10.2013 to 01.11.2013	Panchayath Secretaries from watrap	26	"	"
14.	04.11.2013 to 08.11.2013	Panchayath Presidents from Watrap	26	"	"
15.	23.09.2013 to 24.09.2013	School teachers (PG)	25	Computer Literacy programme	Department of Information Technology,



					Kalasalingam University
16.	14.04.2013	Orphanage school students Orphanage Science Exhibition- 2013-14	2.12.13 to 3.12.13	Visit to Orphanage School Higher Secondary School students	Department of Computer Applications, Kalasalingam
29	Admission	Vazhikatti Programme	17.11.2013	Higher secondary	University
17.	19.01.2013	College students (Jeyppanthu Eppadi) for +2 Students	26.1.2014	Research Oriented Lecture Series in Theoretical Computer Science and Discrete Mathematics.	National Centre for Advanced Research in Discrete Mathematics (n-CARDMATH)
18.	31.08.2013	Govt Hr.Sec. school, Thalavaipuram, Govt Hr.Sec. school, Krishnankoil	105	Laboratory Practical classes for Higher Secondary School Students	Department of Chemistry, Kalasalingam University.
19.	23.09.13 & 24.09.13	M/S convent Hr.Sec. school, Srivilliputhur	193		
20.	28.9.13	Govt Hr.Sec. school, Mamsapuram	130		
21.	19.10.13	Govt Hr.Sec. school, Nadaiyeneri	97		
22.	26.10.13	Govt Hr.Sec. school, Nadaiyeneri	91		
23.	09.11.13	Hagi sikkandhar hajbeevi girls Hr.Sec. school, Virudhunagar & Sri saratha ssakthi Metriculation Hr.Sec. school, Virudhunagar	107		
24.	12.11.13	Annai Velankanni matha Matriculation Hr.Sec. school, Sivakasi	46		
25.	13.11.13	Kalaimagal Hr.Sec. school, Ramachandrapuram	100		
26.	23.11.13	Almin Muslim Hr.Sec. school, Aruppukkottai	73		
27.	3.1.2014	Govt Hr.Sec. school, Sundarapandium, Govt Hr.Sec. school, Mettukundam	92		

## 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	100 acres	-	-	100
Class rooms	142	-	-	142
Laboratories	102	7	-	109
Seminar Halls	8	1		9
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.		18		
Value of the equipment purchased during the year (Rs. in Lakhs)		18,881,972.4		
Others				

#### 4.2 Computerization of administration and library

- All academic and examination related processes are fully computerised.
- Our university library uses library automation software for all its operations.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	64916	67478535.00	725	254514	65644	67733049.00
Reference Books	6374	9561000.00	35	250440	6409	9811440.00
e-Books	-	-	-	-	-	-
Journals	100	162869	8	20070.00	108	182939.00
e-Journals	200	515800	3	626860.00	3	626860.00
Digital Database	-	-	-	-	-	-
CD & Video	4572	-	-	-	4572	-
Others (specify)	Delnet membership					

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1601	15	124Mbps	1	1		15	-

Added	60	-	-	1	-	-	-	-
Total	1661	15	124Mbps	2	1		15	-

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

KLU has campus wide networking through optical fibre and also whole campus is WiFi enabled. All academic and examination processes are fully computerised. KLU has 1Gbps connectivity to National Knowledge Network (NKN). The total internet bandwidth available is 124 Mbps.

4.6 Amount spent on maintenance in lakhs :

i) ICT	0.51
ii) Campus Infrastructure and facilities	18.47
iii) Equipments	1.49
iv) Others	2.49
<b>Total :</b>	<b>22.96</b>

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Formation of IQAC students council in university level – conducting meetings periodically to obtain suggestions from students to enhance quality in all aspects

Formation of IQAC students quality circle in department level

Allocation of one faculty advisor for each 20-30 students who act as student mentor to guide in all aspects .

5.2 Efforts made by the institution for tracking the progression

Track the activity through feedback mechanisms .

Faculty advisor meeting with student is held minimally once a week. Students facing difficulty academically or otherwise are given help through faculty advisor and HODs

UG	PG	Ph. D.	Others
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5.3 (a) Total Number of students 

3786	610	260	
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(b) No. of students outside the state 

236
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(c) No. of international students 

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	No	%		No	%
Men	3169	68.03	Women	1487	31.9

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
473	206		3977	19	4675	67	72	1	799	31	970

Demand ratio - Dropout % 10

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

Coaching for GATE and TANCET exams is given at department level. A separate university level cell is there for GATE coaching which conduct frequent meeting with students to sort out their difficulties.

No. of students beneficiaries 

120
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5.5 No. of students qualified in these examinations

NET		SET/SLET		GATE	3	CAT	
IAS/IPS etc		State PSC		UPSC		Others	80

5.6 Details of student counselling and career guidance

➤ Fully fledged faculty advisory system for counselling students on a continuous basis. Besides the training and placement office organizes regular training program to prepare the students for campus placement and face the interview. Department level initiatives are also taken to encourage and train students to choose research career, administrative career or as engineer. Students have flexibility to choose projects either outside campus in private or government institutions.

No. of students benefitted

### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
62	435	488	61

### 5.8 Details of gender sensitization programmes

A guest lecture was arranged for the first year B.Tech girl students on 24.02.2014. Mrs.M.G.Uma, Managing Director, Dhvani Group of Companies addressed the gathering on the topic “Life Skills”. She was stressing the importance of essential of life skills for personal development and growth. She also briefed the importance of soft skills, social skills, life long learning, developing commercial awareness, and transferable skills.

### 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	Amount

	students	
Financial support from institution	90	Rs. 6000000
Financial support from government		
Financial support from other sources		
Number of students who received International/ National recognitions		

#### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: \_\_\_\_\_NIL\_\_\_\_\_

## Criterion – VI

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

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

VISION- To be a Centre of Excellence of International Repute in Education and Research.

MISSION- To Produce Technically Competent, Socially Committed Technocrats and Administrators through Quality Education and Research.

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

- SIS (Student Information System)
- EASY( Exam Administration System)
- OCPS (Online Course Registration System)
- Research software
- AIMS

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

##### 6.3.1 Curriculum Development

1. Major revision in curriculum every 3 years.
2. Minor revision as per need more frequently.
3. Faculty has flexibility to change syllabus upto 10% in a semester
4. Introduction to outcome based education in a few departments in first phase.

### 6.3.2 Teaching and Learning

1. Shift towards outcome based education Eg. CO/PO
2. Adoption of Bloom's taxonomy in teaching-learning
3. Emphasis towards research oriented learning.

### 6.3.3 Examination and Evaluation

1. External question paper setting
2. External question paper auditing
3. External evaluation
4. Dummy Numbering of answer sheets

### 6.3.4 Research and Development

- Each research scholar has to publish at least three journals with one in a impact factor journal for thesis submission.
- Vigorous course work of minimum four papers
- Evaluation of the thesis by one Indian examiner and one foreigner examiner
- Most of the cases, decisions on thesis is arrived within three months
- Establishment of research labs in departments

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

Facility provided for OPAC (online public access catalogue) and E-Gate register.

### 6.3.6 Human Resource Management

- Performance appraisal review for faculty members as per UGC format
- Faculty development programs and training programs for teaching faculties
- Skill development program for non-teaching staff members.

### 6.3.7 Faculty and Staff Recruitment

- Faculty and staff recruitment made by inviting subject experts from other universities and appointment is made through staff selection committee. Candidates are selected on merit basis.

### 6.3.8 Industry Interaction / Collaboration

- Initiatives are taken by Dean (Corporate Relations) for industry interaction and arranging on-campus interviews
- MOUs are signed in some departments with industries to offer specific technical training to students.

6.3.9 Admission of Students

Admission process was done through Kalasalingam University engineering entrance exam/(KLUEEE). The candidates were admitted on merit basis.

6.4 Welfare schemes for

Teaching	CL, Medical leave and Maternity leave, PF
Non teaching	CL, Medical leave (except PF), Insurance and pension scheme
Students	Education loan facilities by bank MOUs

6.5 Total corpus fund generated

Rs. 5 Crores

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	Experts from other institutes/ Industrial persons	Yes	Senior faculties in the university nominated by Dean Academic
Administrative				

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

For UG Programmes Yes  No

For PG Programmes Yes  No

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



1. Aiming to assess skills and knowledge imbibed by students, internal assessment is done by concerned faculty members through continuous assessment. The internal components have tutorials, seminar, assignments, open book test etc. All the components for internal evaluation are time framed for completion.
2. The evaluations will be done with pre-determined marks.
3. The evaluated reports are reviewed by the course teacher will be reviewed by the course coordinator and class committee chairperson in order to ensure the transparency, fair-play and accountability.
4. After the review the outcome of the internal evaluation will be displayed in the student information system (SIS - a website which has student access)
5. External Question paper were called from external experts from reputed institutions and the question papers were audited by external experts before the examinations to check the quality and equal distribution from all the units.
6. External valuation is done by calling external experts from other institutions.
7. Dummy number system is being followed during the evaluation to ensure confidentiality.
8. All answer scripts are evaluated in KLU campus, confidentiality is maintained.
9. To ensure transparency, students are shown the evaluated end semester examination answer scripts before declaring the results.
10. The results will be published within ten days from the end of the examinations. The results will be published in the Student Information System (SIS).

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

NOT APPLICABLE
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6.11 Activities and support from the Alumni Association

1. Sponsorship for printing EIE Department brochure for the year 2013-14 on 05.04.2013.
2. Sponsorship for printing Alumni association file giving certificate 2009-13 student batch (No. of student 2514).
3. Sponsorship for conducting national level seminar on “Engineering Mega Science Projects with special emphasis on INO” on 03.04.2013 organized by MBA Department.
4. Sponsorship for printing placement Information brochures (8000 No’s) and it was distributed to students & Parents who have visited our university.
5. Organized 4<sup>th</sup> - KLU Convocation (KLU – UG & PG programs) in the month of September 14 & 15, 2013.
6. The following events are organized by the various departments / clubs with the financial support as per the norms of AKCE-KLU Alumni association:

- ❖ Two days Faculty Development Program on “Wireless communication & Networks” on 05.07.2013 and 06.07.2013. Our alumni members Dr.S.Bose, Asso. Prof Anna University Chennai is delivering a lecture on 06.7.2013 and Dr.S.Muthuramalingam Asst. Prof Thiagarajar College Engineering, Madurai is delivering a lecture on 06.7.2013.
- ❖ Two days Faculty Development Program on “Wireless Sensor Networks” on 09.07.2013 and 10.07.2013. Our alumni member Dr. Shajulin Benedict, Prof, Department of CSE St.xaviers catholic college of Engineering Nagercoil is delivering a lecture on 10.07.2013.
- ❖ Mr. Thomas Kurien, Regional Franchise manager, TIME institute of (P) Ltd, Cochin, kerala, deliver guest lecture on “Career opportunities in Banking sector” on 11.09.2013.
- ❖ Guest Lecture organized by ECE Department on 21.09.2013 one of our alumni Mr.L.Lamb Navin Network Security specialist Verizon Data Service India invited as resource person.
- ❖ CSE department has planned to conduct First Alumni Advisory Board meeting on 28.09.2013 at our university campus. We have invited 5 alumni members to attend this meeting and also accept to interact with our III & IV year students.
- ❖ Department of ICE is planning to organize a meeting with alumni advisory board as a part of IQAC frame structure, tentatively by first week of October 2013. We have invited alumni Mr. B.Mohan, Yokogawa private limited, Head South Product Division, Chennai.
- ❖ Sponsorship for National level technical symposium on 05.10.2013 and also delighted to feature our alumni logo / emblem in our symposium proceedings and website. ([www.asthivaar13.yolasite.com](http://www.asthivaar13.yolasite.com)).
- ❖ For alumni information handbook Photo Session – I held on 05.10.2013 to 11.10.2013 for UG Students and 17.10.2013 to 18.10.2013 for PG Students.
- ❖ ECE department has planned to conduct First Alumni Advisory Board meeting for this academic year on 19.10.2013 at our university campus. We have invited 4 alumni members to attend this meeting and also accept to interact with our III year students.
- ❖ Financial Support (Advance loan) to SRC to purchase diwali crackers & sweets to distribute KLU staff members on 28.10.2013. (Repaid on 24.12.2013 on account).
- ❖ Financial assistance for 2<sup>nd</sup> National workshop on “Challenges and innovative Practices in automotive Technology (CIPAT’ 14) organized by Mechanical engineering department.

- ❖ Alumni Diary, Desktop Calendar and Wishes card printing and dispatch to our alumni members first week of January 2014.
- ❖ Guest Lecture organized by ECE Department on 04.01.2014 our alumni Mr.Sriram Gowtham TCS Chennai invited as the resource persons.
- ❖ Guest lecture organized by MECH department on Road Safety at 09.01.2014, invite guest Mr. Arunpandian, Safety Engineer, DCW.
- ❖ For alumni information handbook Photo Session – II held on 22.01.2014 to 25.01.2014 for UG Students and SHIP Students.
- ❖ Inviting lecture in the topic “Awareness to Industrial Robot” on 04.02.2014, for that inviting Mr.Ramaiah R&D, AROBOT Chennai to giving a guest lecture organized by department of EIE.
- ❖ Invited our alumni Mr.Manikandan, Branch manager, Emkay Global Financial Service Ltd Madurai, for guest lecture on “Opportunities in Share Broking Industries” for I year MBA students on 05.02.2014 organized by MBA Department.
- ❖ Financial support to MBA department is organize a management meet – Triumph’14 on 20.02.2014.
- ❖ Financial support for one day national symposium on “Emerging Trends in Biomedical Sciences” in conjunction with national science day on 27.02.2014 organized by department of Biotech Technology.
- ❖ Financial support to the Department of Physics is organizing 2 days 3<sup>rd</sup> National conference on “Technologically Important Crystalline and Amorphous Solids” (TICAS-2014) on 28.02.2014 and 01.03.2014.
- ❖ MCA department organizing industrial lecture on “Java Trends in IT Industry” on 01.03.2014 for MCA Students, Our alumni Mrs.M.Ponrathika, Technical leader Bahwan CyberTeck, Chennai invited as resource person.
- ❖ Guest lecture organized by MCA Department on “Dot NET Framework” on 15.03.2014 for all MCA students, our alumni MR.R.Ravindran, System specialist, Verizon Data Service private Limited, invited as resource person.
- ❖ Financial support to organize the 3<sup>rd</sup> National conference on “Advanced Functional Materials and Applications (NCAFMA-2014) by the Department of Chemistry during the period 21.03.2014 and 22.03.2014.

- ❖ Department of Information Technology is organizing 6<sup>th</sup> National Conference on Advanced Computing Technologies (NCACT-14) on 27.03.2014.
- ❖ Financial support to plan to organize one day National conference on “Advancement in Materials, Construction & sustainable Environment during 29.03.2014 by Department of Civil Engineering.
- ❖ The department of Civil Engineering has planned to organize one day National conference on “Advancement in Materials, Construction & Sustainable Environment” during 29.03.2014. Invited Alumni Er.P.T.Mohan (1992-96Batch), Project Director, National Highway Authority of India to act as Chief Guest and also deliver key note address.
- ❖ National Level Technical Symposium YANTHROTHAYA’14 is jointly organized by Department of Mechanical Engineering, Automobile Engineering, Manufacturing Engineering and SAE India KLU club to be held on 31.03.2014 and 01.04.2014 as a chief guest invited our alumni Mr. Selvakumar, CEO, Solarzis Green Power from Chennai.
- ❖ Fifth Nation conference on “Intelligent Techniques in Control Optimization and Signal Processing – INCOS’ 14 on 28.03.2014 and 29.03.2014, invited our alumni Mr.S.Prasanna Thiyagarajar College of Engineering, Madurai to chair the technical session on 28.03.2014 and Mr. Duraipandi Velammal College of Engineering & Technology to chair the technical session on 29.03.2014.

**Financial Support from the Alumni Association for the year – 2013-2014**

S.No	Beneficiary Department/Division	Purpose	Amount Paid
1.	Bio-Tech	National Symposium on “Emerging Trends in Bio-medical Science” on 27.02.2014	5000
2.	Civil	National level technical symposium organized by Civil on 05.10.2013	5000
3.		One day National conference on “Advancement in Materials, Construction and Sustainable Environment” on 29.03.2014. Invited Alumni Er.P.T.Mohan (1992-96Batch), Project Director, National Highway Authority of India to act as Chief Guest and also deliver key note address	10000
4.	CSE	Two days Faculty Development Program on wireless communication & networks 05.07.2013 & 06.07.2013	9000
5.		First Alumni Advisory board Meeting organized by CSE Dept. 28.09.2013	16740

6.	ECE	Two Faculty Development Program on wireless sensor networks 09.07.2013 & 10.07.2013	4500
7.		Symposium & Guest Lecture organized by ECE Department on 21.09.2013, Mr.L.LambNavin, Network Security specialist, Verizon Data Service India, invited	4500
8.		First Alumni Advisory board Meeting organized by ECE Dept. on 19.10.2013	18600
9.		Guest lecture on 4 <sup>th</sup> January 2014 by ECE Dept. Mr.Sriram Gowtham, TCS, Chennai	4000
10.	EIE	EIE Department Admission Brochure for the year 2013-14 on 05.04.2013.	5000
11.		IQAC Meeting organized by E&I Guest lect. “role of instrumentation in industries” on 21.10.13 by mohan yokogawa (alumni) Bangalore	18000
12.		Guest Lecture “Awareness to Industrial Robot” on 04.02.2014, for that inviting Mr.Ramaiah R&D, AROBOT Chennai	4000
13.	IT	6 <sup>th</sup> National Conference on Advanced Computing Technologies(NCACT’ 14) on 27.03.2014	5000
14.	Mechanical	Alumni meeting – Mechanical 18.04.2013	3000
15.		Guest lecturer on Road Safety by Mech department on 09.01.2014	6000
16.		2 <sup>nd</sup> National workshop on CIPAT’ 14 dept of Mech & Automobile Engineering 09.01.2014	10000
17.		National Level Technical Symposium YANTHROTHAYA’14 is jointly organized by Department of Mechanical Engineering, Automobile Engineering, Manufacturing Engineering and SAE India KLU club to be held on 31.03.2014 and 01.04.2014	15000
18.		Guest invited Mr.Selvakumar, CEO Solarzis Greenpower, Chennai for nation level technical symposium YANTHROTHYA’14	15000
19.	MCA	Guest lecture on “Java trends in IT Industry” – MCA Dept on 01.03.2014 for MCA Students, Our alumni Mrs.M.Ponrathika, Technical leader Bahwan CyberTeck, Chennai invited as resource person.	3500
20.		Guest lecture on “.NET Framework” on 15.03.2014 Guest: Mr.R.Ravindran System specialist, Verizon data Service Pvt. Ltd, Chennai	3500
21.	MBA	Mr. Thomas Kurien, Regional Franchise manager, TIME institute of (P) Ltd, Cochin, kerala, deliver guest lecture on “Career opportunities in Banking sector” on 11.09.2013	2000

22.		Guest Lecture on “Opportunities in Share Broking Industries” on 05.02.2014, Invited our alumni Mr.Manikandan, Branch manager, Emkay Global Financial Service ltd Madurai	1000
23.		Financial support for the Management meet “Triumph’ 14” on 20.02.2014 by MBA Dept	5000
24.	Physics	Two day, 3 <sup>rd</sup> National Conference on “Technologically Important Crystalline and Amorphous Solids” (TICAS-2014) on 28.02.2014 and 01.03.2014. organized by Physics department	10000
25.	Chemistry	3 <sup>rd</sup> National conference on “Advanced Functional Materials and Applications (NCAFMA-2014) organized by the Department of Chemistry during the period 21.03.2014 and 22.03.2014.	10000
<b>Total</b>			<b>386680</b>

#### 6.12 Activities and support from the Parent – Teacher Association

- Financial assistance of Rs.5000 for conducting conference, workshops, seminars.
- 50% budget for convocation expenses
- Department level parents teachers meeting full expenses
- Supply of text books for all the UG student

#### 6.13 Development programmes for support staff

Orientation program for the Non-Teaching staff to improve MS word Skills  
Number of faculty benefited: 30

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

- 1. Water Recycling**  
The campus generates a few lakh litres of waste water each day, which is treated and reused for gardening and other secondary purposes.
- 2. Rainwater Harvesting**  
In our University, all the blocks (building) have a Rainwater Harvesting structures.
- 3. Solar Energy**  
The use of solar energy has been promoted extensively in the lighting to reduce the dependence on electricity and promote usage of green energy
- 4. Waste Segregation**  
Separate dust bins for segregation and collection of wet and dry waste have been put up at all the food outlets in the campus, for the students to segregate waste at source.

## 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.

- Online feedback analysis for students, teaching and non-teaching faculty.
- Initiatives taken to define program educational objectives, programme outcomes for engineering courses

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

- The quality parameters have been divided in to four groups for ensuring further quality enhancement and identifying weak areas.
- Online feedback mechanism have been implemented for teaching, non-teaching faculty members and students .
- Establishment and effective functioning of IQAC students council
- Establishment and effective functioning of industry and alumni advisory board.I
- Analysis of parents feedback.

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

1. Non- CGPA courses for overall development of students as a mandatory requirement.
2. Faculty Advisory System.

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

7.4 Contribution to environmental awareness / protection

This club is formed mainly to create awareness among the general public about wild life protection. This club we create awareness among the people and help them to protect our nature wild environment for the benefit of our future generation.

The awareness group conducts seminars and creates awareness among the public about wild life and the beneficial role for human beings. The main work of this group is to dispel false beliefs about wild animals and to give information about wild life.

The rescue group saves animals, birds, snakes, etc. The important work of this group is to rescue injured and orphan animals and to release them in a safe place like forest or any natural habits.

The research group collects systematic data of animals and plants in and around the University areas.

In their complete dedication to maintaining a plastic free campus, our students have come up with innovative and inspiring recycled paper bags as a substitute to plastic.

7.5 Whether environmental audit was conducted? Yes  No

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

Revised

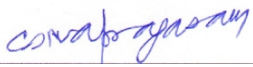
- Qualitative analysis of various departments quality parameters
- Promotion of patent filing from students projects
- Extension activities through school linkage program.

**8. Plans of institution for next year**

1. Defining quality parameter assessment metrics
2. Release of quarterly newsletter
3. Revision of curriculum structure to accommodate changing trend in engineering education.
4. Faculty training program for program outcomes
5. Planning and implementation of outcome based assessment
6. Organising a workshop/seminar on quality assessment
7. Promoting students involvement in IQAC activities.

Name Dr.C.Sivapragasam

Name Dr.S.Saravanasankar





*Signature of the Coordinator, IQAC*

*Signature of the Chairperson, IQAC*