

University Report 2013-14

KL University is the metamorphosis of Koneru Lakshmaiah College of Engineering (KLCE) established in 1980 has a memorable journey of about 33 years packed with remarkable landmark achievements. It began its sojourn as an affiliated College of the Acharya Nagarjuna University with four undergraduate programs, and grew to offer 7 UG Engineering programs, 3 UG Non engineering programs, 13 PG Engineering programs, 1 integrated Management Program, 1 PG Management program and 12 Doctoral programs as on today. A number of landmarks have been achieved by the institution some of which include the following:

Serial Number	Type of achievement	Year of achievement
1.	NBA Accreditation	2004
2.	Autonomous status	2006
3.	NBA Accreditation	2007
4.	NACC Accreditation (Highest CGPA 3.76 / 4.00 among Engineering institutes in India)	2007
5.	Deemed University status u/s 3 of UGC Act 1956	2009
6.	NAAC Accreditation (A' grade with CGPA 3.16/4.00)	2013

Significant improvement has been made in respect of innovations in teaching, learning and research. Management provided experienced and qualified faculty. Research intake increased and publications improved significantly.

KL University is situated in a spacious campus on the banks of Buckingham Canal of river Krishna, eight kilometers from Vijayawada city. Built within a rural setting of lush Green Fields, the Institute is a virtual paradise of pristine nature and idyllic beauty. The campus has been aptly named "Green Fields" and the splendid avenue of trees and gardens bear testimony to the importance of ecology and environment. The campus ambience is most befitting for scholastic pursuits. The University has achieved a number of landmarks some which include the following:

Serial Number	Type of landmark achieved	Feature/ Level of achievement
1.	Recognized as Public Funded Research Institute	By DSIR of Government of India – in recognition of the existence of excellent research environment in the institute.
2.	Number of doctorates	255
3.	Number of Faculty pursuing doctoral research	329
4.	Number of faculty	636
5.	Faculty-Student ratio	1:14.97
6.	Number of students per mentor	Between 15 to 20
7.	Number of class rooms with ICT facilities.	80
8.	Number of faculty to impart the students with soft and communication skills	40
9.	Member of National Knowledge Network connected	Networked with KLU servers with bandwidth of 1 G bps
10.	Advisory committee for each department	IIT, NIT and Industry personnel
11.	Placements & Industrial Practice School Department (P&IPS)	100% placement for the last 9 Years
12.	Special attention to First year students	Freshman Engineering department
13.	Existence of student welfare Guidance division	Headed by a Dean
14.	Discipline	100% Ragging free campus
15.	Existence of centers of excellence	Microsoft (Microsoft Dreams-spark), IBM (IBM Centre of Excellence), Oracle (Oracle IT Academy Lab), CISCO (CISCO Lab) and Adobe (Abode Centre of Excellence), Mission 10X etc.
16.	Mode of teaching	E-Learning
17.	Existence of special labs	Open Academy Lab, Multimedia and Animation Center, VLSI Centre of Excellence, Altair Hyper works Design Center, Advanced Bio-Tech Labs, NI Lab View etc.
18.	Entrepreneur development	University has set up an innovation, incubation and proto-typing cells
19.	Mental health development	Through Yoga and Meditation centers
20.	Extracurricular activities	Through technology forums and hobby clubs.
21.	Indoor and outdoor games	State of the art indoor stadium with trainers with great expertise
22.	MOUS with foreign universities situated in the countries like	US, UK, Australia, Romania, Sri Lanka, Poland, Thailand, Japan, Sweden
23.	Rule Book	Policy document
24.	Quality achievement	Existence of internal IQAC cell headed by a direction
25.	Development of administrators	Through IAS academy situated in India

3.0 Curricular aspects

3.1 Academic Programs and Structures

Ever since KLU got established as a University, it has been expanding its horizon of higher education and research. It offers undergraduate and post graduate programs not only in Engineering but also in Management and Commerce as well.

The following programs are being offered by the university

Serial Number	Program	Level of programs	Number of discipline in which the program is offered
1.	4 Year B. tech program	Under Graduate	B. Tech Program 1. Bio Technology 2. Civil Engineering 3. Computer Science & Engineering 4. Electronics & Communications Engineering 5. Electronics & Computers Engineering, 6. Electrical Electronics Engineering, 7. Mechanical Engineering
2.	3 Year programs	Undergraduate	1. B. Com (Hons) in Accounting & Finance 2. Bachelor of Hotel Management 3. BBA (Bachelors of Business Administration)
3.	5 Year program	UG + PG	BBA + MBA
4.	2 Year Programs in Management	PG	MBA Program: i. General Management with functional specialization, ii. Technology Management, iii. Health Care & Hospital Management, iv. Banking and Financial Services
5.	2 Year Programs in Engineering	PG	M. tech Programs 1. Bio Technology 2. Computer Science & Engineering 3. Computer Networks & Security, 4. Communications & Radar Systems 5. Wireless Communication & Sensor Networks 6. Power Systems 7. Power Electronics & Drives 8. Mechatronics 9. Structural Engineering 10. Construction Technology and Management 11. VLSI 12. Embedded Systems 13. Thermal Engineering
6.	3 Year full time PhD Programs	Doctoral	Full-time and Part-Time programs in various disciplines of Science, Engineering, Management and Humanities.

	4 year part time PhD programs		<ol style="list-style-type: none"> 1. Bio Technology 2. Civil Engineering 3. Computer Science and Engineering 4. Electronics and Communication Engineering 5. Electronics and Computer Engineering 6. Electrical and Electronics Engineering 7. Mechanical Engineering 8. Management 9. Mathematics 10. Physics 11. Chemistry 12. English
7.	New programs proposed from academic year 2014-2015		<ol style="list-style-type: none"> 1. M.Tech-Cloud Computing, 2. B.Sc.(Visual Communications) 3. B.Tech - Petroleum Engineering 4. Ph.D. -Commerce

Salient features of B Tech academic structure of K L University include:

- Highly flexible academic structure including options to select instructors in a multi-section course, being able to choose elective courses within and across the disciplines, opting for degree with specialization and degree with interdisciplinary minor.
- Integrated dual degree program –BBA and MBA (5-year).
- Practice School (internship in industry) of one-semester duration in either of the semesters in B Tech final year.
- Students working on Term Papers in all core courses with a view to inculcate research aptitude.
- Project based labs and open labs are commissioned.

In addition to the aforementioned academic flexibilities, our University also offers several operational flexibilities, such as:

- Change of Branch at the end of 1st year B Tech program of study.
- Repeating a course for improving CGPA.
- Withdrawal and substitution of an elective course.
- Summer term courses for weaker students as well as for quality-performers to earn honors degree and dual degree.

4.0 Teaching Learning and Evaluation

4.1 Faculty development Initiatives

The University has established Academic Staff College for the development of the faculty. It is organizing in-house Teacher Training programs to enhance skills in Effective teaching, Teaching Pedagogy, Outcomes Based Education, Class Room Management, Human Values, ICT Oriented teaching, Software Tools and Active learning. 41 programs have been organized during the academic year 2013-2014 through invited resource persons as well as expertise available in the University. In addition, 9 workshops on English Communication Skills (both Oral and Verbal) have been conducted to bring out the awareness about the importance of the same in the Teaching-Learning process. 6 programs were also conducted on Curriculum Design and Delivery based on ABET and International standards.

5.0 Research, Consultancy and Extension

Quality research, innovation and consultancy are given top priority to establish this University as a Research University of World Class. Positions of Three Research Associate Deans under Dean (R&D) have been created to take care of Academic Research, Sponsored Research and Internal Funding & Innovative Projects. Faculty members are encouraged to go for externally funded projects. The University also provides funds from its resources to faculty members to build facilities to do research. Students are provided fund to work on their innovative ideas and make prototypes.

5.1 Admission into Research Programs

The University has been offering PhD programs from the Academic year 2009-10.

Serial Number	Academic Year	Number of scholars admitted
1.	2009-2010	72
2.	2010-2011	76
3.	2011-2012	93
4.	2012-2013	74
5.	2013-2014	398

KLU encourages interdisciplinary research. The University offers its own research fellowships to full-time research scholars. Quality research output is envisaged through regular monitoring of the work. The research admission has led to a number of quality

publications – 173 in International Journals and 28 in Conference Proceedings during the year 2014-2015 which are published by the scholars of the university.

Eight candidates are being awarded Ph.D. in the 4th Convocation and another Eight have completed research work and submitted their thesis for adjudication.

5.2 Research Groups

In order to enhance R&D and Consultancy activities in the University, 32 Research Groups have been created to carry on collaborative research. The Groups also deliver quality courses and take research into the class rooms. These Groups are actively involved in setting up Research Labs and obtaining funded Research and Consultancy Projects.

Research Progressive Assessment Committees have been formed in each department headed by a senior Professor having rich research experience. These committees co-ordinate all the activities related to research in the departments.

5.3 Sponsored Research

A great emphasis is laid down on research and development in K L University. The KLU R&D is focused on development of product/process oriented technologies for sustainable development. K L University was sanctioned altogether 58 sponsored research projects out of which 21 completed and 37 are ongoing projects sanctioned by various government funding agencies viz. UGC, AICTE, DST, DBT, ICMR, DRDO etc. 100 Plus are in pipeline in different stages.

Five major departments of K L University, Electronics and Communication Engineering, Mechanical Engineering, Computer Science Engineering and Atmospheric sciences are recognized and funded by DST FIST for infrastructural support of RF and Microwave engineering, Mechatronics, Networking and GPS meteorological labs.

Tables I and II below show complete details of the projects sanctioned to the University.

Table I:

Sl.No.	Completed Projects	Ongoing Projects	Total Projects
1	21	37	58

Table II:

S.No.	Title of the Project	PI & Co-PI	Funding Agency & Amount (Lakhs)	Status
1	Carrying out theoretical studies on simulator	Dr. P. Siddaiah	4.5	Completed
2	Theoretical studies on phased array antennas for satellite links from Aircrafts	Dr. P. Siddaiah	8.5	Completed
3	Radome design	Dr. P. Siddaiah	5.82	Completed
4	MODROBS-DSP Lab	Dr. P. Siddaiah	5.00	Completed
5	MODROBS-DSP Lab	Head	5.00	Completed
6	Sequential separation of high value products from microalgae	Dr. R. Srinivasa Reddy	12.96	Completed
7	Non-classical estimation techniques for autonomous Robots simultaneous localization and mapping in unknown Environment	Dr. M. Srinivasan	6.34	Completed
8	Development of expert systems for condition monitoring	Prof. K. V. Ramana	9.49	Completed
9	MODROBS-DSP Lab	Head	10.00	Completed
10	Switching control strategies for the Direct Torque control of Induction motor Drives	Prof.K.Subba Rao	5.00	Completed
11	Isolation, identification and characterization of protein pollen allergens of Indian origin	Dr. B. J. K. Singh	10.13	Completed
12	Studies on flue gas fed microalgae for alternative fuel production	Dr. R. S. Reddy	10.36	Completed
13	CO2 Mitigation and Cultivation of oil rich microalgae for Bio-fuel production	Dr. R. Srinivasa Reddy	20.91	Completed
14	Allergen Epitope Mapping and In vivo screening of Pro-inflammatory Cytokines	Dr. B. J. K. Singh	12.29	Completed
15	Design feasibility study and realization of a single directional antenna for L & S bands	Dr. P. Siddaiah (PI)	13.44	Completed
16	RF Front end Receivers spurious/ Harmonic analysis	Dr. P. Siddaiah (PI)	8.25	Completed

17	Systematic studies of phase stability in dimeric liquid crystals	Prof. V.G.K.M. Pisipati	26.00	Completed
18	Optical studies on nano-particles doped liquid crystals	D. Madhavi Latha	14.58	Completed
19	Global studies on ionospheric density irregularities during quiet time using space-based remote sensing techniques	Dr. Gouthu Uma	19.30	Completed
20	Design of Low Cost Amateur Radio SATELLITE Compatible Transceiver Setup's for Operation and Quick Establishment of Communication Platforms for during Disaster Situations (A Means to Save the Life during Disasters)	Dr. K. Sarat Kumar	9.28	Completed
21	Experimental investigation of thermos-mechanical properties of natural fiber-reinforced composite materials.	Dr.A.Srihari Prasad	8.70	Completed
22	Design for optimization of phased array antennas	Dr. P. Siddaiah	10.26	Ongoing
23	Development of an expert system for design of an optimum manipulator for any medical/ surgical robot with the incorporation of neural network & fuzzy logic concepts for sensing.	Dr. A. Srinath (PI)	7.69	Ongoing
24	Prediction of Propagation Impairments for Ku & Ka Band Satellite Links – Real Time Monitoring & Analysis for Communications/ Services	Dr. K. Sarat Kumar	11.00	Ongoing
25	Molecular characterization of plant Endo-N-Acetylglucosaminidases (ENG Gase)	Dr. B. J. K. Singh	16.47	Ongoing
26	Absorption and emission characteristics earth doped glasses for efficient lasers	Swapna Koneru	21.70	Ongoing
27	Systematic Designing of compact slot antennas for wireless LAN applications	S.Srijaya Lakshmi	24.55	Ongoing
28	Experimental Studies on Ku and Ka-band Satellite Signal Propagation Impairments	I. Govardhani	25.50	Ongoing

S.No.	Title of the Project	PI & Co-PI	Funding Agency & Amount (Lakhs)	Status
29	Communication Platforms using the Low Cost Transceivers setup's for Quick Establishment and Operation during Disaster Situations	K. Ch. Sri Kavya	25.45	Ongoing
30	An integrated process development for continuous sequestration of CO ₂ and the production of value added products	K. Chandrika	26.00	Ongoing
31	Web description and building models for sensors to discover knowledge for prediction and decision making	Dr. K. Raghava Rao	15.54	Ongoing
32	Securing the Embedded Systems from side channels	Deevi Radha Rani	21.60	Ongoing
33	Spectral Studies of Neodymium doped glass and glass ceramics for efficient laser action	Sk.Mahamuda	13.68	Ongoing
34	Ionospheric Morphological Studies Using GPS Radio Occultation (RO) Technique and establishment of Dual-Band GPS Receiver to measure total Electron content (TEC) and Scintillation index at a low latitude station in India.	Dr.P.S.Brahamanadam	25.88	Ongoing
35	Insilico approaches to multitarget ligand designing and assay based screening of Acetylcholinesterase inhibitors	Dr.T.Venkateswara Rao	27.20	Ongoing
36	Novel Biorefineries : Design and process development for production of high value products and biofuels from microalgal consortium	Dr.R.Srinivasa Reddy	60.81	Ongoing
37	Screening the mitigation of carcinogenic P AHs and CO emissions of flue gases by microbial consortia	G.Swapna	22.40	Ongoing

S.No.	Title of the Project	PI & Co-PI	Funding Agency & Amount (Lakhs)	Status
38	Development of Ionospheric forecasting models for satellite based Navigation systems over low latitude stations	Dr.D.Venkata Ratnam	21.33	Ongoing
39	Design and Development of Robotic Set up for Cardio Pulmonary Disorders - Emphasis on Cardiac Resuscitation	Dr. A. Srinath	17.71	Ongoing
40	Study of Dynamical Coupling between Ionospheric and Earth,s Atmosphere subject to Meteorological and Seismic Disturbances over a Coastal area (Guntur) by installing GPS receiver	R.Revati	25.90	Ongoing
41	Characterization of Pollen specific Polygalacturonase of Sorghum bicolor	Shechinah Felice Choragudi	19.40	Ongoing
42	Development and Characterization of Nano-structured conducting polymer electrolyte system for electrochemical cell applications	N.Krishna Jyothi	21.40	Ongoing
43	Application of Therapeutic sugar producing lactic acid bacteria in diabetes and obesity management	M.Sudhamani	25.00	Ongoing
44	DST-FIST-ME-2012	ME-FIST	55.00	Ongoing
45	Targeted Delivery of Nanoparticle to Enhance DR5-DDX3 Mediated Apoptosis in Tumour Environment	B.Mahendran	42.95	Ongoing
46	Ku band propagation impairments studies over Indian region to develop rain attenuation contours and suitable models	Dr.K.Sarat Kumar	39.81	Ongoing
47	DST-FIST-ECE-2012	ECE-FIST	55.00	Ongoing
48	MODROBS	ME-MODROBS	13.75	Ongoing

S.No.	Title of the Project	PI & Co-PI	Funding Agency & Amount (Lakhs)	Status
49	Study of Subtropical Ionospheric Electron Irregularities and Seismo-Inonospheric Perturbations using GPS Receivers - Reg.	Dr.K. Satya Ramesh	31.11	Ongoing
50	Depth Resolution and Sizing Studies in Thermal Wave Detection and Ranging (TWDAR)	G.V.Subba Rao	29.47	Ongoing
51	A Study On Financial Inclusion in Krishna District	Dr.P.Raja Babu	7.00	Ongoing
52	CSE-FIST	CSE-FIST	45.00	Ongoing
53	ECE-FIST	ECE-AS-FIST	47.00	Ongoing
54	Fuzzy based space vector PWM Controlled slunt hybrid active power filter for power conditioning	J.SOMLAL	19.20	Ongoing
55	Development of electrochemical Immunosensor as a prostate cancer diagnostic tool	Dr.B. Pradeep Kumar	21.60	Ongoing
56		B. Jaya Kumar Singh	29.40	Ongoing
57		A. Srinath	29.80	Ongoing
58		B. Mahendran	19.56	Ongoing
TOTAL:			1197.97	

5.4 Research Publications

The faculty members of KLU have been active in doing research and publishing papers in journals and conference proceedings as evident from the total number of **INDEXED** publications shown in the following table. Out of 333 published journal papers, 166 papers have been **SCOPUS** indexed. Overall **580** papers have been published which are SCOPUS Indexed.

Sl. No.	Department	No. of Indexed Journal Papers	No. of Conference Papers	Total Papers
		2013-14	2013-14	2013-2014
1	Biotech	58	35	93
2	CSE	160	126	286
3	CIVIL	70	22	92
4	ECE	154	135	289
5	ECM	80	36	116
6	EEE	56	45	101
7	FED	156	70	226
8	MBA	75	45	120
9	MECH	40	40	80
	Total	849	554	1403

1.5 Research awards by UGC

Three of our faculty have received awards out of 100 awards issued by UGC to the professors working in our entire country

Serial Number	Name of the Faculty	Department	Position	Area of the research
1.	Dr. A. Srinath	Mechanical Engineering	Professor	Robotics
2.	Dr. B.J.K. Singh	Bio Technology	Associate Professor	Allergy Immunology
3.	Dr. B. Mahendran	Bio Technology	Assistant Professor	Cancer Biology

1.6 International Conferences held at KLU

Three international conferences have been conducted during the Year 2014-2015 by the departments of EEE, Central Library and CSE

Serial Number	Title of the conference held	Department which held the conference
1.	Smart Electric Grid	EEE
2.	Scholarly communication and knowledge management in higher educational Institutes	Central Library
3.	Wireless Optical Communication Networks	CSE

6.0 Infrastructure and Learning resources

6.1 Research Centers

The University has been pursuing with its policy of engaging its faculty members in carrying out high-end research in emerging areas of national and international importance. It has created a ‘Center for Advanced Energy Studies’ and ‘Centre for Advanced Studies in Atmospheric Sciences’ as part of fulfilling this goal.

6.1.1 Center for Advanced Energy Studies

With a view to carry on contemporary research in ALTERNATIVE ENERGIES with special focus on Solar Photovoltaic, Solar thermal, Wind and Biomass, K L University has established “**Centre for Advanced Energy Studies**” (CAES). CAES shall identify areas where Government support is available and get specific projects from MNRE / SECI in these areas. In this process the CAES has got sanctioned **Rs.1.02 crores** for its wind-solar hybrid power plant from MNRE. CEAS has already installed a 30kw solar power plant on the roof top of our Administrative Office in Vijayawada. CAES is also planning to offer Post graduate courses in alternative energies from A.Y. 2014-15. An eminent researcher with 35 years of experience in alternative energies is the Director of this Centre.

6.1.2 Centers for advanced Studies in Atmospheric Sciences

The Atmospheric Sciences present the challenge of a wide variety of problems of compelling scientific interest and increasing social relevance. The paramount concern over Planet Earth and Global Change are the issues connected to climate change, global warming, air pollution, the ozone layer, Ionospheric anomalies and the demand for reliable long-range weather forecasts on both local and global scales. KL University has started a center for Advanced Studies on Atmospheric Sciences (ASAS), which will be a multidisciplinary unit that coordinates activities in different university departments in the frontier areas of atmospheric, meteorology and Ionospheric sciences by analyzing and modelling the data and thereby forecasting atmospheric weather changes. The main aim of this center is to understand atmospheric and earth-oceanic processes relevant to the tropics. The key research topics of the center have great relevance to ionosphere, weather and climate especially the Indian summer monsoon, tropical cyclones & associated surges and air quality modelling.

6.1.3 Robotics & Mechatronics Center of Excellence:

The Center of Excellence in Robotics & Mechatronics Concentrates on developing cutting edge R&D technologies specifically for medical sector, Defense, surveillance and construction and at large for various supporting tasks for the betterment of societal and industrial needs. The center is placing huge emphasis on developing the R&D outcomes for various electromechanical, MEMS and NEMS based set-ups to support, sense and monitoring the functioning of various Electrical, Mechanical machinery especially those selected for Avionics and Automobiles.

The center has 12 full-fledged faculty, 2 Full time Research scholars and 12 part time scholars. The center is taking up 90 lakh-worth worth sponsored projects from DST/UGC etc. and is supported by the development grant FIST-2012 under DST. The center has 3 student clubs and has carried out 172 B. Tech mini projects in 2011-12 & 2013 academic year in addition to the 5 ongoing M. Tech projects undertaken by this center.

Technologies involved in this center are:

Manipulation Mechanism, Dynamics and Control, Image & Signal Processing, Embedded Systems, Drives and Actuators, Sensors and Data Presentation Systems, DAQ's enveloping the departments of ME, ECE, EEE & CSE.

6.2 Other Facilities

The university is equipped with many other conventional facilities like Sports & Games, Gymnasium, Entrepreneurship Development and Innovation Cells, Central Library and International Relations Cell. Some of these have been briefly touched earlier. A few words on the Central Library and the International Relations are considered appropriate.

6.2.1 Central Library

The Central Library is an essential component of the University's outstanding research and education mission and occupies a place of pride in the University. The university has established a huge library that meets the requirements of the students, scholars and the faculty. A new multi-storeyed centrally air-conditioned building to house the Central Library is fast reaching completion.

Serial Number	Type of resource	Numbers/ memberships
1.	Book Volumes	1,29,692
2.	Book Titles	33019
3.	Online Journals	15962
4.	e-books	137946
5.	International Hard Copy Journals	107
6.	National hard Copy Journals	213
7.	Memberships and subscriptions	<ol style="list-style-type: none"> 1. INFLIBNET 2. ASME 3. ASCE 4. IEEE 5. ACM 6. MAA 7. MIS 8. STM 9. Springer Link 10. J gate 11. DELNET 12. EDSCO 13. PROWSE 14. Bio Pharama 15. Geo Technical
8.	CDS and VCDs	8813
9.	International open access Journals	2

7.0 Student Progression and support

7.1 International arrangements

K L University has signed MoUs seeking academic partnership with foreign Universities. Renowned experts from many partnering Universities have been visiting us to deliver courses at both UG and PG levels as well as for taking up joint research projects and joint Ph D guidance. We are also working on student exchange programs.

- 1 Latrobe University, Bundoora Campus, Melbourne, Queens Land University, Deekins University, Australia
- 2 Dalian Institute of Technology, Dalian, China
- 3 Hanze University, Groningen, Hanzehogeschule Groningen, Netherlands
- 4 Szwedzki Instytut Maszyn i Przepływów, Poland.
- 5 South Eastern University of Sri Lanka, Oluvil, Sri Lanka
- 6 Technical University of Cluj Napoca, Romania
- 7 National College of Ireland, Dublin, Ireland
- 8 University West, Trollhattan, Sweden
- 9 Kumamoto University, Japan
- 10 University of Technology, Johor Baru, Malaysia
- 11 State University of New York, (SUNY-B) Binghamton New York, USA,
- 12 Indiana State University, Terre Haute, USA
- 13 University of New Orleans, USA
- 14 University of Massachusetts, Lowell, USA
- 15 Jackson State University, Mississippi, USA
- 16 St Louis University, USA
- 17 Rutgers State University, New Jersey, USA
- 18 DeVry University, USA
- 19 Villanova University, USA
- 20 Central Michigan University, Michigan, USA
- 21 Auburn University, Alabama, USA
- 22 International Technological University, USA
- 23 Virginia Tech University, USA
- 24 California State University, USA
- 25 Florida International University, Florida
- 26 University of Plymouth, Drake Circus, Plymouth, UK
- 27 The Robert Gordon University, School Hill, Aberdeen, United Kingdom
- 28 Glasgow Caledonian University, Scotland, UK
- 29 Kuala Lumpur University, MALAYSIA
- 30 University of Battambang, Cambodia

K L University has become a member of the Indo-US Council for Engineering Education (IUCEE), a prestigious consortium approved by Government of India and Government of the United States of America. As a part of the consortium, K L University has been hosting one-week and two-week long International Workshops in the identified areas for the benefit of faculty of KLU as well as other institutions in the country. IUCEE also deputed subject experts to teach a few courses as per our campus requirements.

Serial Number	Type of interaction with IUCEE	Count of interaction
1	Number of professors who taught courses during the year 2012-13	7
2	Number of courses taught by IUCEE the professors	8

Serial Number	Type of interaction wit IUCEE	Count of interaction
3	Number of webinars conducted by foreign professors during 2011-2012	23
4	Number of webinars conducted by foreign professors during 2012-2013	14
5	Number of webinars conducted by foreign professors during 2013-2014	11
6	Number of webinars conducted by foreign professors during 2014-2015	12
7	Number of Mini courses conducted by foreign professors	9
8	Foreign student admissions	Kuwait, Uganda, Sudan, Ethiopia Nigeria and Libya.
9	Countries in which KL university has been promoted	China, Nepal and other Asian Countries.
10	Number of foreign students during the year 2013-2014	151

The following Professors from abroad have visited KL University to deliver courses during 2011-12, 2012-13 and 2013-14:

Name of Professor	Course delivered
Dr. Yarlagadda Prasad, Queens Land University, Australia.	Biotechnology, Mechanical Engineering, Computer Science Engineering.
Dr. Prathap Reddy, Rochester University, USA	Electronics and Communication Engineering
Dr. Chari Kandla, Scientist, United States Dept. of Agriculture, Georgia, USA	Biotechnology, Electronics and Communication Engineering
Dr. Raghu Echempati, Kettering University, USA	Mechanical Engineering
Dr. Harrico Gonzalez, National College of Ireland, Ireland	Computer Science Engineering
Dr. Suzanne Zyngier, La Trobe University, Australia	MBA and BBA
Dr. .ChandraSekhar, University of California	CIVIL Engineering
Dr.Voicu Sucals	MBA(Gen) MBA(TN) and BBA
Dr.Anastauciu	CIVIL Engineering
Dr.Chary	ECM & BT

Student Exchange Programs

- ▶ Latrobe University has proposed to depute five of their MBA students to stay for 5 weeks at KL University to take up Internship. In-turn they would sponsor Tuition Fee Scholarship to one K L University student to do one semester of MBA program at Latrobe. K L University would organize a study tour of 10 MBA students for one week to Melbourne during even semester. Accommodation will be arranged by Latrobe University.
- ▶ One Mechanical Engineering Student enrolled for study abroad program during 2014-15 in Latrobe University Australia
- ▶ University West, Sweden, provided the opportunity for 3rd year Mechanical Engineering Students of K L University to learn Automation systems used in most modern laboratories located in their Production Technology Center, Trollhatton, Sweden to gain solid practical exposure to key principles in modern industrial automation at their campus in summer.
- ▶ AISEC will be organizing internship abroad program for B.Tech, BBA , MBA

7.2 Student's Achievements

The University has provided the following avenues for the student community to nurture their inner hidden talents:

- i. NSS Wing – This wing regularly organizes various programs to sensitize the students with respect to their obligation to the society through blood donation camps, tree plantation, conducting AIDS awareness programs and literacy drives in the villages, and distributing funds, medicines and clothes among the needy.
- ii. Hobby Clubs – Around 22 student activities and clubs such as Music club, Dance club, Drama club, Literary and Speaking club, Photography club, Journalism club, Painting club, Sports club, Cultural club, Technical club, Movie club, Trekking club, Designing Club, etc. operate in the campus wholly managed by the students. Through these clubs every year we organize a National level Techno management fest, cultural fest, Women's day celebrations, Republic day, Independence Day, Department fests, Awareness drives etc. KLUSO i.e.; K L University Student Ordinate is an official student body of K L University where each and every Kluian by default becomes the member of this ordinate as soon as they get admitted into the university. This will be used as a platform by students for showcasing, exploring and molding their talent by

joining in any of the 22 clubs that exist in KLUSO. This is started initially by a group of 30 enthusiastic students from 47th batch of KLU as SKILLPOOL which later took the name KLUSO. This is a dream come true for students of KLU which focuses on student's extra-curricular activities along with their academics. KLUSO is developed with the aim of achieving a mission and a vision. The mission of KLUSO is to foster an environment which enhances the art and skills of the student community to circulate the audacious youth who stand as strong pillars in building a dynamic nation. The vision of KLUSO is to continue the mission of the founders of K L Education Foundation in providing the service that contributes to the personal and professional development of our university community. It aspires to be the prominent voice of the student body.

- iii. Life Skill and Inner Engineering – This University strongly believes that it is its responsibility to mould the students as good human beings. Along with the regular programs every student admitted into KLU undergoes one week of special orientation program on life skills. Strict regularity, implicit obedience, courtesy in speech and conduct, cleanliness in dress, etc are held in esteem.

8.0 Governance and Leadership

KLU has eight academic departments and a number of centers to carry on specialized studies and research in emerging and thrust areas of national importance. After KLCE got graduated to KLU, several new programs have been initiated in diverse fields based on the present need of the society. Introduction of Ph. D. & M. Phil are one of such initiatives.

8.1 Academic Departments

The University has on today operating 14 Departments for offering different programs at UG, PG and Doctoral level.

Serial Number	Name of the department	Courses offered
1.	Bio Technology	1. B. tech (Bio Technology) 2. M. Tech (Bio technology) 3. PhD
2.	Civil Engineering	1. B. Tech (Civil) 2. M. Tech (Structural Engineering 3. M. tech (Construction Technology and Management) 4. PhD
3.	Commerce	1. 3 Years B. Com(Honors)

Serial Number	Name of the department	Courses offered
4.	Computer Science and Engineering	1. B. Tech (CSE) 2. M. Tech (CSE) 3. M. Tech(CNS) 4. Ph. D
5.	Electronics and Communication Engineering	1. B. Tech (ECE) 2. M. Tech (Communication and Radar Systems) 3. VLSI 4. PhD
6.	Electrical and Electronics Engineering	1. B. Tech (EEE) 2. M. tech (Power Systems) 3. M. tech (Power electronics and drives) 4. PhD
7.	Electronics and Computer Engineering	1. B. Tech (Electronics and Computer Engineering) 2. M. Tech (Wireless Communication and sensor Networks) 3. M. Tech(Embedded Systems) 4. PhD
8.	Mechanical Engineering	1. B. Tech (ME) 2. M. Tech (Mechatronics) 3. M. Tech (Thermal Engineering) 4. PhD
9.	Management studies	1. BBA 2. BBA-MBA 3. MBA <ul style="list-style-type: none"> ➤ Business Administration ➤ Healthcare and Hospital management ➤ Technology Management ➤ banking and Financial services 4. PhD (Management)
10.	Hotel Management	BHM
11.	Mathematics	Ph.D. -Mathematics
12.	Physics	Ph.D. -Physics
13.	Chemistry	Ph.D. -Chemistry
14.	English	Ph.D. -English

9.0 Innovative Practices

The university has introduced a number of innovative practices during the year 2013-14 which include the following

1. Project based LABS
2. LABS taken into class rooms
3. Session wise planning for topic delivery
4. Competency oriented course delivery system

5. Outcome based delivery system

10.0 Student Achievements

10.1 Achievements of KLU Student Ordinate (KLUSO):

1. KLUSO conducted SAMYAK 2014 SURABI 2014 during February 20th to 22nd Feb'2014. With a theme "Sustainable Socio Economic Development through Technology Intervention".
2. SANSKRITHI (Indian Heritage and Culture) Club has organized Ethnic day, Rangoli & Kite festival on 7th January 2014.
3. AAROHANA (Trekking) Club of KLUSO had organized Trek Tour to Mulapadu on 27th January 2014.
4. Chalanachitra (Movie Appreciation & film) Club had organized CineScope'2014. On 23rd Feb 2014.
5. KLUSO had organized knowledge voyage to Oasis a knowledge journey to BITS PILANI Annual Cultural Festival Oasis'2014. 90 students of KLU were selected in various events.
6. KLUSO had organized village damplins tour to Pipali, a village in the border of Rajasthan & Haryana
7. Samskrithi (Indian Heritage and Culture) Club of KLUSO has organized Republic Day celebrations, which was attended by almost 3000 students.
8. Samskrithi (Indian Heritage and Culture) Club of KLUSO had organized Swarjya '14, the 68th Independence Day Celebrations with Spirit of patriotism, pomp and grandem.
9. Samskrithi (Indian Heritage and Culture) had organized Inter Collegiate Krishnaashtami Celebrations in associations with International Society for Krishna Consciousness (ISKON) which was attended by 8000 students. The event has grand UTTI Mahostsav, Devotional songs, music, dance & Skits.

The students of KLU have won prizes, medals and laurels in various fields of activities. The University feels proud to present a brief account of the achievements of the students.

10.2 Individual Achievements in Games and Sports

The following players of our K L University Medalists in the Inter National, National, South Zone & State Tournaments In different Games & Sports for the year 2013-14.

Sl. No.	Name of the student	Event	Level	Place	Date and Venue
---------	---------------------	-------	-------	-------	----------------

1	D. Dinesh Reddy	Roller Skating	State Meet Championship	2nd Place-1 3rd Place-2	13 th to 20 th November 2013, Hyderabad
2	T. Sai Praneeth	Table Tennis	75 th Junior & Youth National & Inter State Table Tennis Championships-2013	Participation	15 th to 20 th January 2014, Guwahati (Assam).
3	V.Jyothi Surekha	Archery	All India Inter University Tournament	2 nd Place	15 th to 24 th January 2014, Punjab University, Chandigarh
4	P. Lavanya	Shuttle Badminton	Manorama Indian Open 2013	Participation	29-01-14 to 02-02-14, held at Kochi.
5	V.Jyothi Surekha	Archery	International Asian Grand Prix - 2014	Gold-03, Silver-01 & Bronze-01	10 th to 15 th March 2014, Bangkok.
6	S.S.V.S.Nagen-dra Kumar	Power Lifting	National Power Lifting championship	4th Place	20-03-14 to 23-03-14, JRD Sports Complex, Jamshedpur.
7	G. Harshit Jain	Lawn Tennis	KAD Memorial State Level Tennis Tournament	Winner (Singles & Doubles)	On 04-05-14 at Guntur
8	C. Sai Krishna	Lawn Tennis	KAD Memorial State Level Tennis Tournament	Winner (Singles)	On 04-05-14 at Guntur

KL University has been making rapid strides in fostering the academic and research pursuits. The report reflects that the period under review has indeed been remarkable, lively and gratifying. In all 1889 UG students and 317 PG students and 8 Doctoral students have fulfilled all the academic requirements to receive the degrees in this year. The details are shown in the given below table.

Program	Number of students graduated
B. Tech	1889
BHM	3
B.Com.	6
BBA	19
M. Tech	119
MBA (General)	76
MBA (Technology Management)	37
MBA (Autumn)	17
