KLE TECH

KLE Technological University

Creating Value
Leveraging Knowledge

ANNUAL Report | 2016 -17

www.kletech.ac.in

Our Parent Organization:

Karnataka Lingayat Education Society (KLE Society)

Initiatives by private organizations and dedicated individuals have played a critical role in the growth of higher education in India. In 1916, a dedicated group of individuals enabled a dream. Their vision was to create a strong education base in the neglected areas of North Karnataka and Maharashtra. This resulted in establishment of KLE Society on 13th November 1916 at Belgaum. This society was started by seven dedicated teachers and three generous patrons. Their mission was to provide education, basically to the children of the farming community who constitute a significant majority in Karnataka. With the strong support by philanthropists and intellectuals of the area, the KLE society started to grow, and today, it has become an important entity in the educational scenario of the country.

Apart from establishing educational institutions, the KLE Society has earned the distinction in the field of health care and other community services. It has entered into collaboration with universities abroad in USA, UK & Malaysia. Through its 254 institutions, KLE Society is rendering services in the areas of:

- Health Care and Medicine
- Engineering and Technology
- Management Studies
- Agriculture
- Arts, Science and Commerce
- Teachers training
- Primary and secondary education
- Law

With a visionary leadership of Chairman Dr. Prabhakar Kore, and members of Board of Management, the society's institutions serve more than 1,25,000 students. Over 16,000 dedicated faculty and staff work together to meet the high standards set by the management.

CONTENTS

Foreword

We are proud to present the second annual report of KLE Technological University, Hubballi, for the year 2016-17. This report summarizes the achievements and progress we have made over the last year to improve our academic offerings and student services.

Our faculty is making progress towards providing a truly world-class learning environment by adopting holistic curricular reforms and innovative pedagogical practices. We are working hard to create a dynamic research environment to promote research excellence. This year, we embarked on a significant governance reform initiative to adopt good governance practices.

We would like to extend our sincere thanks to our faculty, staff, students, alumni and industry partners for their continued support and remarkable contributions. Looking ahead, we will continue to work towards realizing our vision to be a leader in engineering education, and advancing research and innovation to support socio-economic development of the region.

Dr. Ashok S. Shettar
Vice Chancellor

Dr. Prabhakar Kore
Chancellor

Creating Value
Leveraging Knowledge

Introduction

KLE Technological University (KLE Tech) has its roots in one of the premier engineering institution of Karnataka, B. V. Bhoomaraddi College of Engineering and Technology, Hubli (BVB). The founding organization KLE Society, Belgaum, established BVB college in 1947 with an aspiration of creating an institution that would lay the foundation of modern engineering education in northern region of Karnataka. Over the years, it evolved to reach and hold a unique position of pride in the technical education system of India. As we entered into the 21st century, the college undertook comprehensive reform process to adapt to the challenging global engineering education scenario. In pursuit of academic excellence, the college attained academic autonomy from University Grant Commission (UGC) in the year 2007. As an autonomous college, BVB established its distinctive character in the academic space through its curriculum and outstanding student experience. Over the time it gained tremendous credibility with the industries and employers and emerged as a brand to reckon with. The Alumni of the Institute have done exceedingly well in all spheres of life at both national and international levels and brought name and fame for themselves as well as to their Alma Mater.

The times have changed, and the higher educational institutions need to continually innovate to maintain and enhance their relevance to meet the ever changing demands of global economies. Apart from delivering good quality education, the institutions are expected to develop their capacity in research and innovation. They also need to undergo a fundamental transformation in terms of their role in the society, mode of operation, and economic structure and the scale at which they operate.

Keeping the above challenges in mind BVB College of Engineering and Technology, undertook strategic initiative of transforming itself into a University of national distinction. In 2014 the college was recognized as a state private University by Government of Karnataka. The rich heritage of BVB College as one of the best engineering college combined with brand equity of KLE Society are the starting points for KLE Technological University to emerge as a University with a national distinction.

Student Enrollment

Admission Process

The University does not conduct a separate test for the admissions. The admission to the programs of University is based on the Government of Karnataka rules for professional education institutions. The following is the mode of selection of students for admissions (as per rules of Government of Karnataka).

1. Common Entrance Test (CET) by Karnataka examination Authority (KEA): Admission to 40 % of seats are done by government of Karnataka based on CET ranking and reservation policies of the state. The seats are distributed through central counseling done by KEA. For the aided intake the 95% of the seats are allotted by the KEA. Equal weightage is given to score in CET entrance test and qualifying examination score, while allotting the ranks.
2. All India Examination conducted by the Consortium of Medical, Engineering & Dental Colleges of Karnataka (COMED-K): Admissions to 30 % of seats in unaided courses are done on the basis of COMED-K-rankings. The seats are allotted by COMED-K through central counseling. Equal weightage is given to score in COMED-K entrance test and qualifying examination score, while allotting the ranks
3. The remaining 5% seats in aided courses and 25% seats in unaided courses are filled as management seats on the basis of academic records of qualifying examinations.

   For post graduate programs, Post Graduate Common Entrance Test (PGCET) conducted by Karnataka examination authority, is used for the selection of students.

Undergraduate Programs

Sl.No.	Programme	Sanctioned Intake
1	Civil Engineering	**120**
2	Mechanical Engineering	**240**
3	Electrical & Electronics	**120**
4	Electronics & Communication	**240**
5	Computer Science & Engineering	**240**
6	Automation & Robotics	**60**
7	Bio Technology	**60**
8	Architecture	**60**
		1140

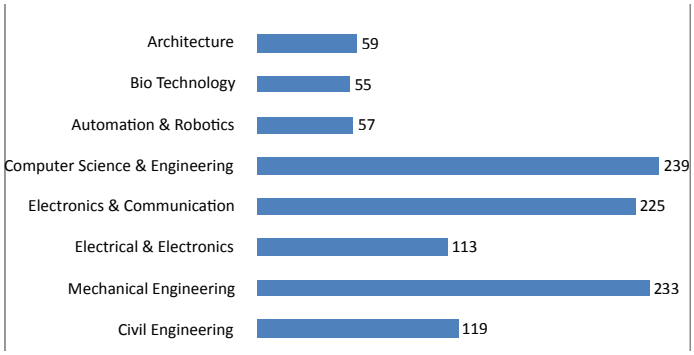
Postgraduate Programs

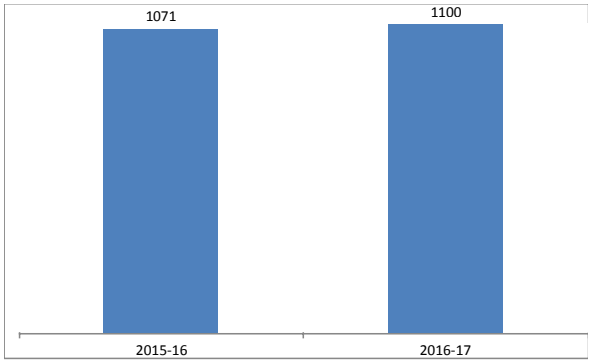
Sl.No.	Programme	Sanctioned Intake
1	Structural Engg.	**18**
2	Production management	**18**
3	Energy Systems Engg.	**18**
4	Computer Science &Engg.	**24**
5	Digital Electronics	**24**
6	VLSI Design & Testing	**24**
7	Machine Design	**24**
8	Master of Computer Application	**60**
9	Master of Business Administration	**60**
		270

Research Programs

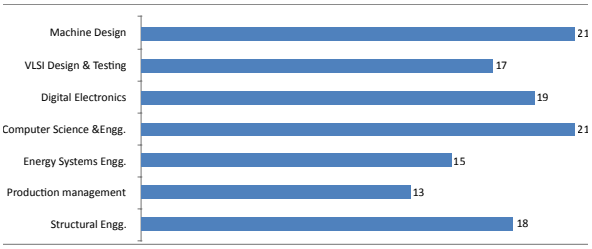
Sl.No.	Programme
1	School of Civil and Environmental Engineering
2	School of Computer Science & Engineering
3	School of Electronics and Communication Engineering
4	School of Mechanical Engineering
5	School of Management Studies and Research
6	Department of Electrical and Electronics Engineering
7	Department of Humanities & Social Science
8	Department of Biotechnology
9	Department of Physics
10	Department of Chemistry
11	Department of Mathematics
12	Center for Engineering Education and Research

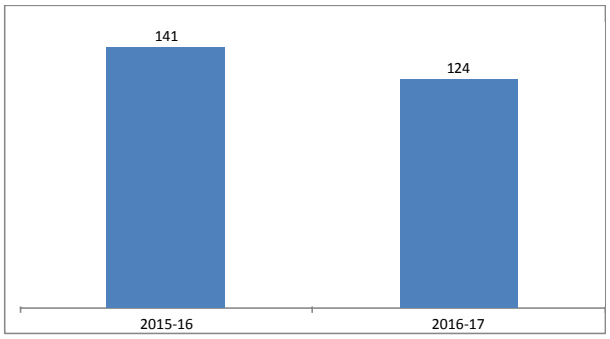
Student admissions for the year 2016-17- UG

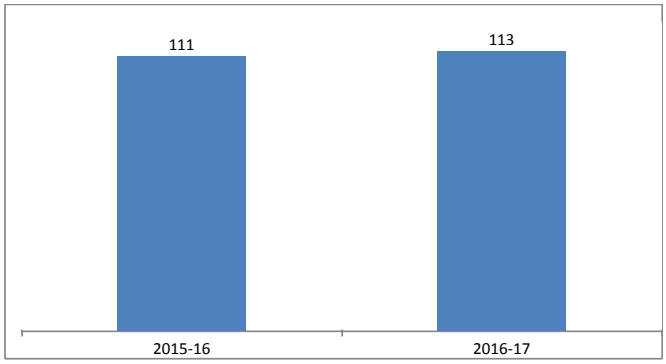


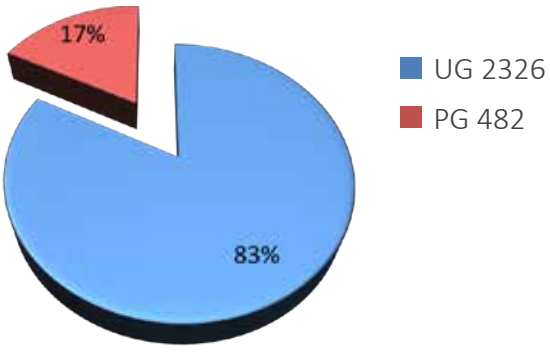


Student admissions for the year 2016-17- PG

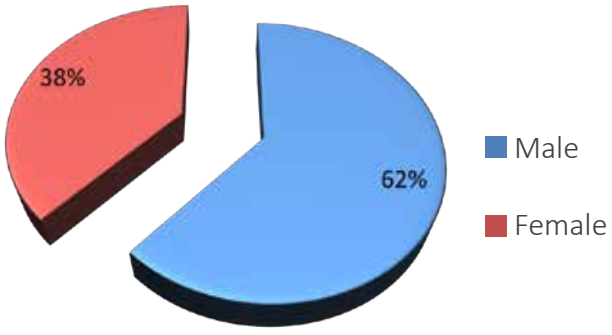








Student Enrollment 2016-17



Student Gender (UG) 2016-17

Academic Quality

Engineering education is going through a profound transformation driven by the new realities and opportunities created by the global knowledge society. To ensure the fitness of higher education system to negotiate new challenges, adaptation of proper academic frameworks and strategic interventions are necessary. Outcome Based Education (OBE) framework has emerged as a major reform model in the global engineering education scenario and has been mandated for accreditation of engineering programs for the Washington accord signatories. The OBE approach is based on a student centered learning philosophy and focuses on the output (outcomes) instead of the input (content). KLE Tech reform process by adopting OBE framework. The framework gives us an opportunity to build a culture of continuous improvement that strengthens our academic quality and inspires student achievement.

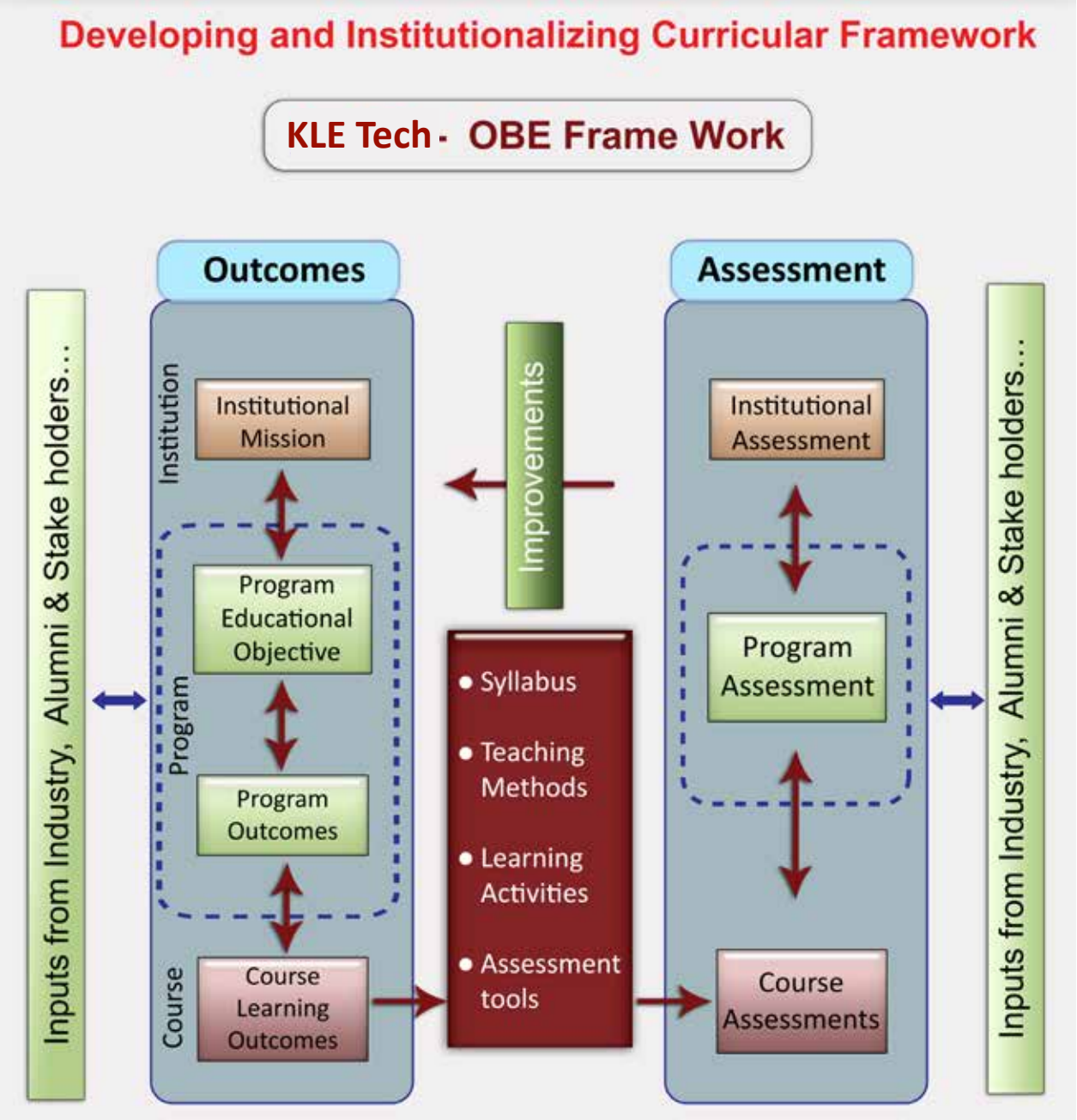
The initiatives undertaken to enhance the quality of education and student performance are presented under following three tenets of academic quality

- Advances in Curriculum
- Faculty Development
- Student achievements

Advances in Curriculum

The curriculum of all the programs offered by KLE Tech are designed understanding the expectations of the stakeholders. Outcome Based Education (OBE) framework is used to design the curriculum. Each program has formulated Program Outcomes (POs) in line with Graduate attributes of NBA. These POs describe what students are expected to know and be able to do by the time of their graduation. These POs relate to the knowledge, skills, and behaviours that students acquire as they progress through the program. The courses designed for the programs are aligned to the expectations of POs.

Learning experiences in each of the programs are created focusing the millennial learner. Problem solving skills, research and entrepreneurship are embedded in the curriculum through a host of program core, program elective and open elective courses. Active, blended, collaborative, experiential and project based learning (PBL) practices are used bringing student to the centre of teaching – learning process. Assessment and evaluations are done aligning to learning outcomes to inform both the learner and the system. The frame work adopted by the University is depicted in the Figure below.



Major Academic initiatives Undertaken:

During the first academic year 2016-17 following are the major academic initiatives undertaken to improvise the teaching and learning process.

Engineering Design and Product Realization at 2nd Year (School of Mechanical Engineering)

'Engineering Design' course which was being offered to Mechanical and Electrical domain students at the 3rd semester has been restructured to offer product development experience in an inter-disciplinary environment. This is an attempt probably first of its kind in the engineering education scenario at a large scale. It is a 3 credit course which will engage students from determining the customer's needs, developing specifications, generating conceptual designs, designing the final product and virtual prototyping. The classes are conducted in two parts. Part-I is offered to a division in a studio mode to 12 teams with each team consisting of 6 students – 2 each from Mechanical, Electrical and Computer Science domains. There are 15 divisions consisting of 1080 students all put together from Mechanical, Electronics & Communication, Compute Science, Automation & Robotics and Electrical & Electronics Engineering disciplines. The Part-II is offered at the respective department laboratories to inculcate the required skills among students in using the various tools to accomplish the task of virtual prototyping.

As an extension to the 'Engineering Design', another course 'Product Realization' has been a 2 credit course introduced at the 4th semester. During this course, the emphasis is on the concurrent and collaborative process of arriving at the best solutions at each step in the hardware and software development processes and assuring that the total process is optimized with the best of knowledge and tools. At the end of this course, the student teams who have already executed a virtual prototype in the previous semester, are required to build in MakerSpace- a specially established state-of-the-art comprehensive manufacturing facility (mechanical & electronic) and demonstrate the working of an electromechanical prototype augmented with IoT technology.

The two courses together provide multi-disciplinary, systems-perspective to problem solving. These courses force a systems-perspective by using a `complete' product development process, i.e., the students must take a product from its idea phase to manufactured product. Students no longer focus on individual parts at the expense of the entire system. These courses establish the fact that an innovation in undergraduate course work will have profound implications on students, essentially enabling them to handle real- world problems. The key takeaway from these courses for the young designers would be to provide an orderly process for organizing an ill-structured design activity in order to support making decisions and trade-offs among possibly competing solutions.

Undergraduate Minor Programmes

In addition to their primary area of study, undergraduate Engineering students have the opportunity to study one of the Minors offered by departments/schools/centers in some of the most interesting areas in the profession today.

Engineering Minors allow students to gain interdisciplinary experience and exposure to concepts and perspectives that may not be a part of their degree program—thus widening their understanding of the engineering profession and the issues that impact engineers.

Upon completion of an Engineering Minor, students will also be better equipped to perform interdisciplinary research.

Engineering Minors can generally be completed within a regular degree- some extra courses may be required depending on Minor offering department/school/centre.

A separate certificate shall be issued on completion of the Minor discipline requirements.

Minor is an additional credential a student will earn if s/he does additional learning of 5 courses in a discipline other than her/his major discipline.

KLE Technological University is offering following UG Minor programmes:

1. Minor in Entrepreneurship
2. Minor in Electronics
3. Minor in Computer Science & Engineering
4. Minor in Innovation and Product Development
5. Minor in Robotics and
6. Minor in Automotive Engineering

Placement

2016-17 was Good Year for Placements. Most of the companies hired moderately high number of students from our college and also many new companies visited. Big hires in Software Services include-- Accenture (372), Infosys (207) and in Core sector include-- Robert Bosch (67), KPIT (66), Mercedes Benz(27).

Total Number of Offers is 959.

Highest salary package offered is 14 LPA

Average Package offered is around 4.5 LPA

Faculty Development Programmes

Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year 2016-17

Year	Name of the teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee provided	Amount of support (in INR)
2016 - 2017	M B Gorawar+ R.S. Hosmath + Rakesh Tapaskar + AjitKumar Madival	National Workshop on "Prominence of PV Systems in Green Energy Development" during 3rd to 5th Oct 2016 at Dharwad.	Workshop	2800.00
2016 - 2017	Anuradha V Budihal	National Workshop on "Advanced Reconfigurable FPGA Architectures for Research and Industrial Applications" (AFARI-2016)during 24th to 26 Nov 2016 at PES, Bangalore.	Workshop	4626.00
2016 - 2017	Anoopkumar Patil	ISA Workshop on"IoT, HoT and Industrie 4.0" during 18th & 19th Nov 2016 at Bangalore.	Workshop	56673.00
2016 - 2017	Shivaraj Hublikar +Arun Ka	IEEE International Conference on "Communication and Electronics Systems ICCES 2016" during 21-22 Oct 2016 at PPG Institute, Coimbatore.	Conference	29595.00
2016 - 2017	P C Nissimgoudar	International Conference on "Transformations in Engineering Education 2017" during 11-12 Jan 2017 at Jaipur	Conference	20768.00
2016 - 2017	Prashant Narayankar	International Conference on "Transformations in Engineering Education 2017" during 11-12 Jan 2017 at Jaipur	Conference	9806.00
2016 - 2017	Preethi Baligar	4th International Conference on "Transformation in Engineering Education" (ICTIEE-2017) during 6-8th Jan 2017 at Hyderbad	Conference	3838.00
2016 - 2017	Jyoti Bali	2nd International Conference on "Information and Communication Technology for Intelligent Systems" during 25-26th March 2017 at Ahmedabad	Conference	3834.00
2016 - 2017	Amit v Kachavimath	National Conference On "Advances in Computer Science & Engineering" (NCACSWBDA-2016) during 24th Oct 2016 at Dharwad	Conference	1,285.00
2016 - 2017	Deepa Mulimani	4th International Conference on "MOOCs, Innovation and Technology in Education" (IEEEMITE-2016) during 9-10th December 2016 at Madurai	Conference	7,730.00

Research and Innovation

To meet its growth aspirations, one of the challenges faced by the Univeristy is to transform itself from a good teaching institute to an excellent teaching and research institute. It is important that we need to further the research and developmental activities for the following:

- To sustain academic and professional reputation in knowledge-based economy
- To attract and retain high quality faculty and students
- To maintain cutting-edge curriculum and create stimulating learning environment
- To improve undergraduate teaching, because a researcher; (i) is a better thinker and problem solver, (ii) can promote active teaching & (iii) can create enthusiasm
- To align academic activities with economic development of the region.

Research centers

KLE TECH has 12 research centers with 75 doctoral faculty guiding 67 registered doctoral students at KLE Tech and 151 students registered in other universities. The following table presents details about the research-centers.

Table-1: Details of registered and awarded candidates at 12 research centers

Sl. No.	Name of School/Department/ Center	No. of Name of Eligible Supervisors	No. of PhD's registered at KLE Tech	No. of PhD's registered at other universities
1	Civil and Environmental Engineering	9	5	20
2	Computer Science & Engineering	12	15	17
3	Electronics & Communication Engg	9	0	47
4	Mechanical Engineering	16	14	33
5	Biotechnology	5	7	7
6	Electrical & Electronics Engg.	2	5	6
7	Management Studies and Research	2	1	4
8	Humanities and Social Sciences	1	3	0
9	Engineering Education and Research	3	2	0
10	Chemistry	4	6	3
11	Mathematics	9	3	5
12	Physics	3	6	9
	Total	**75**	**67**	**151**

Summary of publications

The following table summarizes the number of publications of research work in refereed conferences and journals at national and international level.

Table-2: Summary of papers published during 2014-15, 2015-16 & 2016-17

Statics of Publications

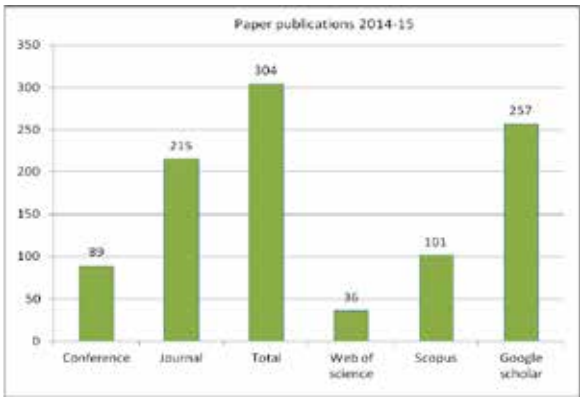
Indexed in

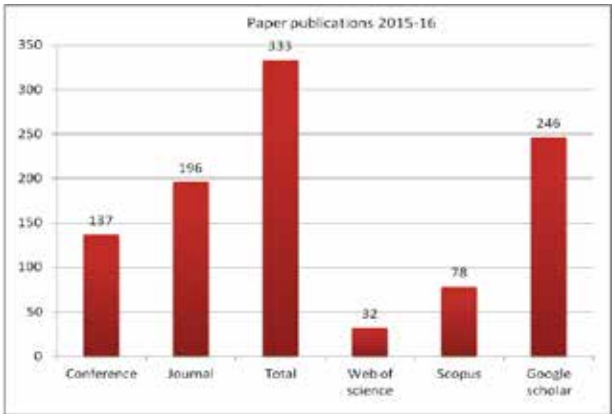
W—Web of science

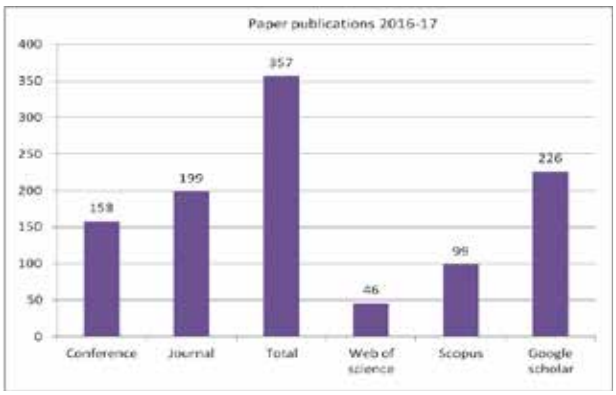
S-Scopus

G - G o o g l e scholar

	2014-15		2015-16		2016-17	
No of Publications	Journal	Conference	Journal	Conference	Journal	Conference
	215	**89**	**196**	**137**	**199**	**158**
W	**36**		**32**		**46**	
S	**101**		**78**		**99**	
G	**257**		**246**		**226**	
Total Papers	**304**		**333**		**357**	







Summary of Patents

Summary of patents 2014 to 2017

Total Number of Patents filed : 13

Total number of patents approved : 9

Total number of provisional patents : 4

Summary of external funded projects

Research grants received: 2013-2017

Sl No	Year	Number of projects	Amount sanctioned	Funding Agency
1	2012-2013	02	34.56	VGST, DST
2	2013-2014	08	58.6	AICTE,NRB,VTU
3	2014-2015	01	4.0	VGST
4	2015-16	02	32.55	DST, USAD
5	2016-17	07	238.51	UASD,DST,DRDO,Contiental, BBC(K-BITS),BTFS
	TOTAL	**20**	**368.22**	

External funded projects

Summary of external Funding

2013-2017

Consolidated list of projects from 2013 to 2017		
Name of School/Dept.	**No of projects**	**Amount in Lakhs**
Civil	01	20.00
CSE	01	22.50
ECE	11	90.42
MECH	06	72.80
BT	01	162.50
Total	**20**	**368.22**

Funding agencies: DST, NRB, AICTE, VTU, VGST, UASD, DRDO, Continental, KFIST, KBITS, Samsung Research Institute Bangalore (SRIB)

Note: "Crowd sourcing Platform for Heritage sites" is short listed for final funding of 300.00L under DST, ICPS-IHDS scheme

Research Experience for Undergraduates (REU)

Undergraduate research opportunities help the student to experience and learn how to identify and define the problems and solve them, how to find and evaluate evidence, how to consider and assess competing interpretations, how to form and test their own analysis and interpretations and how to communicate their ideas and findings. These learnings enable them to take part in the research missions in their future career inside or outside academia.

Probably our college is the first institution in India to introduce 'Research Experience for Undergraduate (REU)s' in the curriculum as an optional course. The response from the students and faculty mentors has been overwhelmingly positive. The students and faculty mentors have devoted considerable time and effort to make the experience worthwhile and fruitful.

Summary of outcome of the REU course is reflected in the following table. In the first year, 19 REU students have published 25 papers in international conferences and journals, and 8 of them have either completed or doing post graduation. About 25% of the total REU students from 2011-14 are doing post graduation either in India or abroad

Year	Number of REU students	Number of Guides	Number of publication	Year	Number PGs from REU students
2011-12 (completed)	18	22	25	2011-12 (completed)	8
2012-13 (completed)	31	40	20	2012-13 (completed)	8
2013-14 (Completed)	30	44	23	2013-14 (Completed)	5
2014-15 (Completed)	46	48	26	2014-15 (Completed)	4
2015-16 (Completed)	67	54	31	2015-16 (Completed)	6
2016-17 (Completed)	68	60	20	2016-17 (Completed)	4

University -Research promotion Schemes

To promote research in emerging and high impact areas, the institute has undertaken initiative to identify and nurture research clusters/research groups (RC/RGs) and fund for Product Design and Development initiatives.

- Research Cluster (RC): Research Cluster is theme centered, e.g. energy, material science, ESDM etc. These centers synergize the efforts and expertise of faculty across the departments and create a platform towards building higher levels of inter-disciplinary research/development/technology-translation/productivity. The aim is to get recognition and visibility in a chosen theme
- Research Group (RG): This is similar to RC, however collaborating faculty can be from the same department or across departments. Research group leads to initiation of research clusters in the collaborating area over a period of time
- Product Design and Development Grant (PDDG): This grant is given to a faculty or group of faculty who involve in product innovation, design and development activity of the institute and supports start-ups and industry. These faculty groups bring together the skill set and expertise of multidisciplinary group of researchers from

From the 2017-18; 5% of Revenue Income of University is allotted for promoting Research and Development and table provides details of planned funding for the year 2017-18. schools, departments, RCs/RGs and industry towards technology translation, design and development activity of a product.

SL No.	Scheme / Head planned		Amount in Lakhs
1	Research clusters and groups		150.00
2	Capacity building		50.00
3	Others		50.00
	1. Conferences to conduct :10.00	10.0	
	1. Conference to attend: 15.00	15.0	
	1. Training (FDPs): 10.00	10.0	
	1. Patenting : 10.00	10.0	
	1. Incentives: 5.00	05.0	
			250.00

Institute funded projects under RC/RG/PDDG

Sl. No.	Title of the research group/ cluster/PDDG faculty group	Name	Budget Sanctioned in Lakhs (Rs)
1	Centre for Automotive research	Dr. Nalini Iyer	**10.00**
2	Bio-resource Development	Dr. Uday Muddapur	**06.00**
3	Platform for Product Innovation, Design and Development	Dr. Ravi Guttal	**32.00**
4	Intelligent Systems (IntS)	Dr. Meena S M	**20.00**
5	ESDM	Dr. Saroja V. S	**32.00**
6	Material Science Research Cluster	Dr. N.R.Banapurmath	**40.00**
7	Advanced Pavement Research	Dr. S S Quadri	**12.64**
			152.64 L

Institute funded capacity building projects for Individual faculty

Capacity building projects are funded by the institute with the following objectives:

| To build research capabilities

| To provide the experience of carrying out the research project

| To facilitate the process of applying to external funding agencies

Year	Total projects	Total amount in Lakhs
2011-12	17	9.9
2012-13	14	12.44
2013-14	14	11.6
2014-15	22	14.07
2015-16	15	13.25

Incentives given to faculty for good publications, funded research and guiding doctoral students

SL No	Year	Total projects	Total amount
1	2014-15	12	79,000/-
2	2015-16	3	19,000/-
Total			**98,000/-**

Entrepreneurship

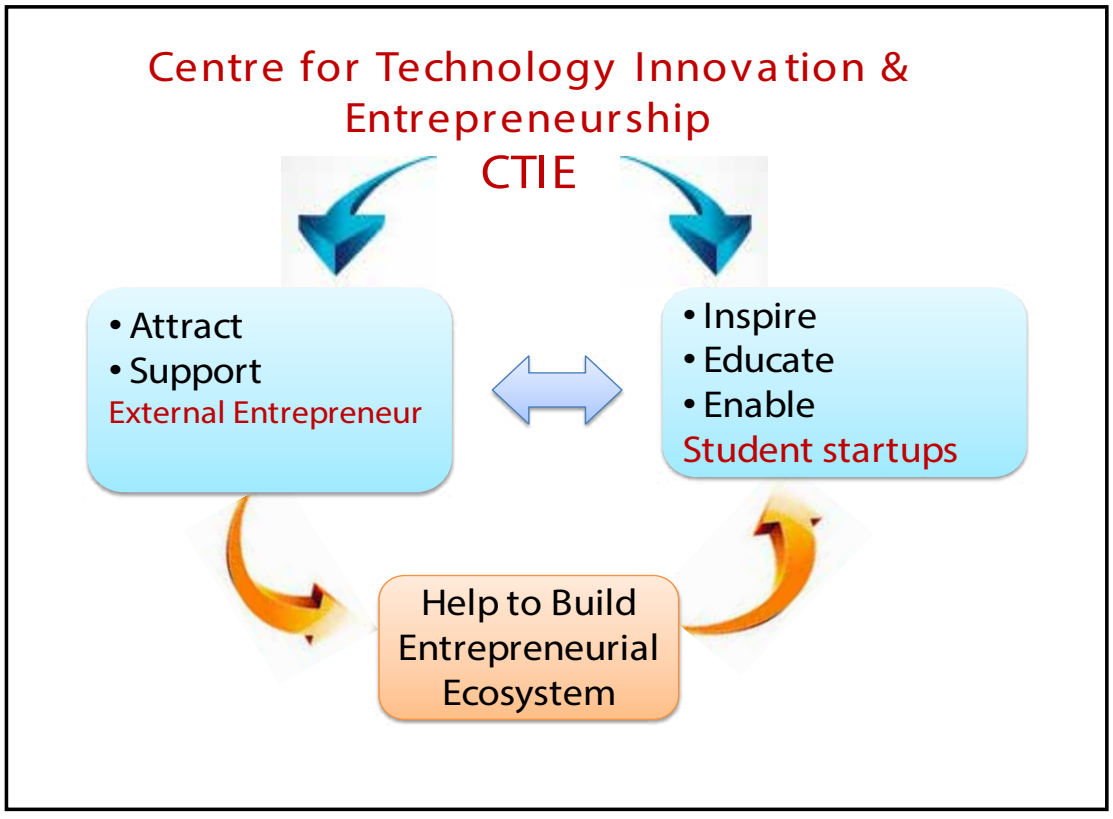
Centre for Technology Innovation and Entrepreneurship (CTIE):

Entrepreneurship is the key driver for development and job creation in any nation. Higher the entrepreneurship orientation of people, more can be innovative solutions, improved quality of life and better economic development of its citizens. Centre for Technology Innovation and Entrepreneurship -CTIE at KLE Tech aims to build this culture of startups at the University. Using a seven step framework to build technology ventures, KLE Tech-CTIE boasts having 38 companies at its University campus and is growing.

- Develop entrepreneurial thinking and liking in the mind of students
- Excite students to take on socially relevant challenges and help build solutions
- Develop ability to build business around tech. solutions
- Engage entrepreneurially aligned people to come together to be a part of the business ecosystem

CTIE Strategy:

To help build a technology entrepreneurship ecosystem, CTIE followed a two pronged approach. The first is to encourage external entrepreneurs with a good business plan and cultural fit to start their business on University campus. This enabled quick ramping up of companies with commercial interest that served as a beacon to engage students in a variety of collaborative activities. Alumni of BVB responded to this call effectively and many businesses made CTIE as their home. Simple and no strings- attached policies of CTIE helped to attract serial entrepreneurs and young engineers to build their ventures.The second path focused on building the pipeline of eligible students who are open enough to experience career of an entrepreneur. A good mix of credit based and non-credit activities were undertaken as a part of this approach.



The entrepreneurship interventions designed at KLE Tech focused mainly on, Building entrepreneurship culture on campus Opportunity identification and technology solutions Commercialization strategies As a result of such blended approach to entrepreneurship, CTIE has following to claim.

- 38 technology companies on campus
- 25% of these are student/fresh graduate start-ups
- Over 18,000 sq. ft of incubation space given away
- Over 9000 Sqft Techpark / Accelerated
- Over 230 plus jobs created

Student Exchange Program 2016-2017

December 28, 2016 to January 13, 2017 at KLE Technological University Hubli, India

Faculty – Ashwin Mehta (UML, US), Nitin Kulkarni (KLE, India), Alex Sun (NUPT, China))

60 students from US, India, China and Japan assembled in Hubli, India for 2 weeks of intensive entrepreneurship learning in a multi-cultural, multi-disciplinary environment! Since its inception in 2014, over 420 students from 8 countries will have participated in the program, held in Hubli and Lowell.



Intel Ideation Camp on 9th & 10th February at KLE Technological University, Hubli

KLE-CTIE organized two days Intel Ideation camp for the students from KLE Technological University Hubli. We had 77 students participated in the Ideation Camp and understood the Business Model Canvas, Innovation and Product Development process by the experts. We had Prof. Nitin Kulkarni, Director, KLE-CTIE, Prof. Ramachandra L, School of Mechanical Engineering, KLE's BVBCET and Asst. Prof. Praveen Hiremath, KLE-CTIE were the resource persons.

Session Opportunities & Strategies for a Digital Era by Mr. Ashok Soota, Co-Founder Happiest Minds Technologies – 5th May 2017

Mr. Ashok Soota, Co-Founder, Happiest Minds Technologies visited KLE-CTIE and took a Session on Opportunities & Strategies for a Digital Era for local entrepreneurs and students. More than 450 students, entrepreneurs and academicians attended the session. He also extended his support to mentor and nurture startups at KLE-CTIE. disciplines to achieve a common goal, second is, to understand the design/product hand off stages between various development phases.

Workshop on "My Startup Health Check" by Mr. Vinayak Hiremath, CA, & Mr. Sourabh Rathi, CA, 1st July and 2nd July 2017

KLE-CTIE organized workshop on 'My Startup Health Check' for the incubatees to give them fare understanding of Legal compliances, budgeting and financial forecasting, Valuation and its methodologies, Cash flow,Tax compliances and GST. Startups were given self-assessment activities to understand their current status of the company.

This workshop was followed by one on one mentoring session completely focused on early stage startups. Total 12 startups attended the Session which was highly appreciated and received good feedback by the attendees.

Launch of Next Big Idea Contest by Zone Startups – 23rd August 2017

KLE – CTIE was one of the regional partners for the Launch event of Next Big Idea Contest by Zone Startups. KEL – CTIE was hosted this launch event at KLE Tech. university and had a panel session on "Think Beyond Silicon Valley" Mr. Niranjan Demanna, Team Zone Startups, Mr. Sasi Shekar Krish, Founder & CEO, NanoPix Technologies Pvt. Ltd., Mr. Prasad Patil, Founder & CEO, Aissel Technologies and Prof. Nitin Kulkarni were the panelists and shared their views on entrepreneurship. Total 45 participants attended the session.

E-Summit 2017 on 3rd & 4th March 2017

KLE-CTIE hosted its annual event E-Summit 2017 on 3rd & 4th March 2017 at KLE Technological University. Event was organized by KLE-CTIE and more than 500+ students from different institution and entrepreneurs attended the event.

We had successful entrepreneurs and experts shared their expertise and interacted with students and startups.

List of the Speakers who shared and interacted with students and startups

- Mr. Saveen Hegde, Creative Leadership Specialist
- Mr. Ignatius Orwin Noronha, Inventor MozziQuit, Managing Director, Leowin Solutions Pvt. Ltd.
- Ms. Surabhi H R, Founder-Director and CEO, Political Quotient Consultants Pvt. Ltd.
- Ms. Nandita Nagangoudar, First Women Civilian from Karnataka to Climb Mount Everest South Col.
- Mr. Ravi Shankar, Founder & CEO, Aim High Consulting
- Mr. Deepak Dhadoti, MD Servocontrols Pvt. Ltd.
- Mr. Shubhendu Sharma, Founder and Director, Afforestt.
- Mr. John Kuruvilla, Chief Mentor, Brigade, REAP

We had KLE-100K Business Plan Competition for the Students; Total 15 teams pitched their ideas to the panel of successful entrepreneurs and experts and received valuable feedback. 6 teams awarded with cash prize

About ELEVATE 100

ELEVATE 100, an initiative of the Department of Information Technology and Biotechnology; Government of Karnataka aims to provide a comprehensive entrepreneurship platform for startups.

The top 100 technology based startups chosen through a rigorous hunt across Karnataka State will tap into a whopping sum of Rs.400 Cr of Government funds. This is the largest pool of funds ever offered by any State Government to Startups.

We are really proud to inform you that 5 startups from KLE-CTIE have been selected to pitch at the Final Round of Elevate 100 on 29th & 30th August 2017 at Bangalore. 260 startups/teams were shortlisted across the state and were pitched their ideas in the finals.

Proud moment for KLE-CTIE is 3 startups were part of 100 winners across the state. Department of Information Technology and Biotechnology, Government of Karnataka will announce the funding amount at the earliest as it's in the process.

Details of the Startups won the Elevate 100 Startup Contest

1) Skykrafts Aerospace Pvt. Ltd

Skykraft Aerospace Pvt. Ltd. is into building smart drones for agriculture, emergency logistics and rescue; it also builds drones for scientific research. It also builds drone software applications.

2) Magveh Energy Recovery Systems Pvt. Ltd.

Magveh Energy Recovery Systems Pvt. Ltd. is currently working on a technology which can harness energy from suspension system of ground vehicles (buses, trucks, cars, trains etc.). This energy can be used to power the automobile systems and increase its overall efficiency.

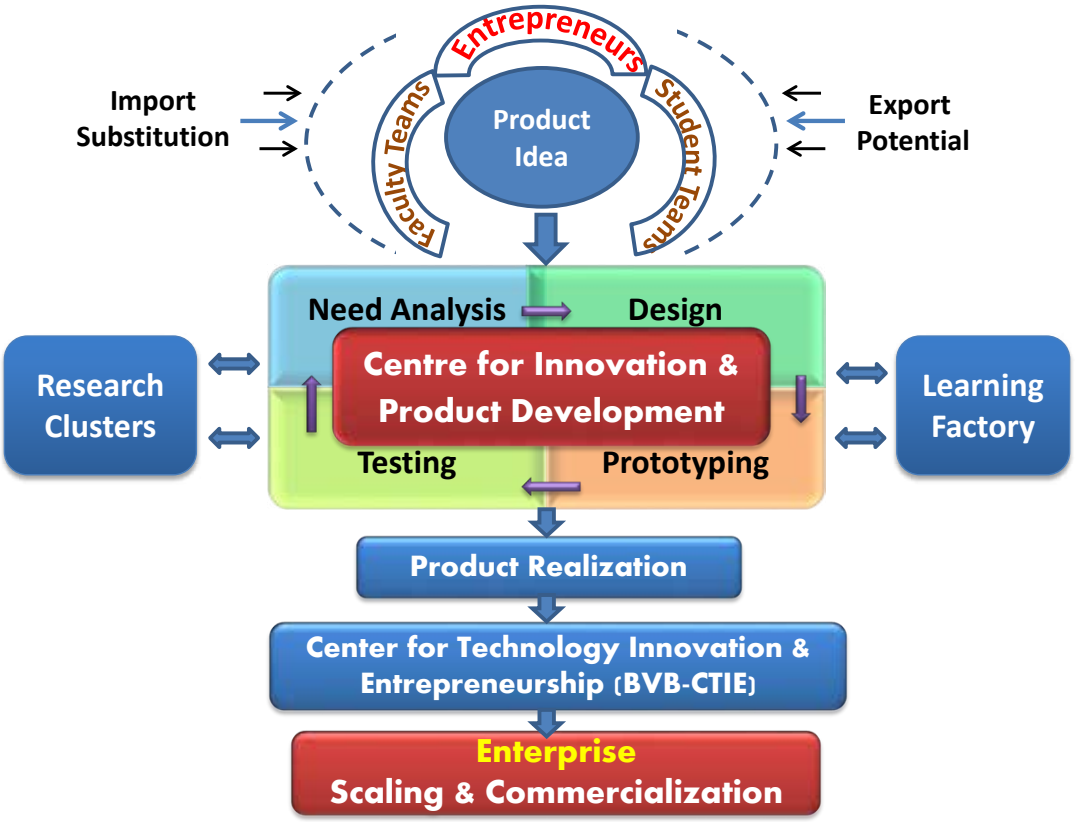
3) Snaptrude

Snaptrude is intelligence enabled rapid Modeling Platform for real estate. With Snaptrude, Architects and design teams would be able to save days worth of effort in the manual design process and can make data driven decision using BIM approach. Snaptrude solves the design problem by automating digital designing with its patent pending intelligence enabled modeling and design platform which incorporates Building Information Modeling (BIM) approach from the concept design stage.

CIPD - Cenre for Innovation & Product Development

Over arching philosophy of CIPD

KLE Tech Centre for Innovation & Product Development
[KLE Tech - CIPD]



The Center has been established to develop capabilities in Product Innovation and Development for students, faculty and start-ups within KLE Technological University.

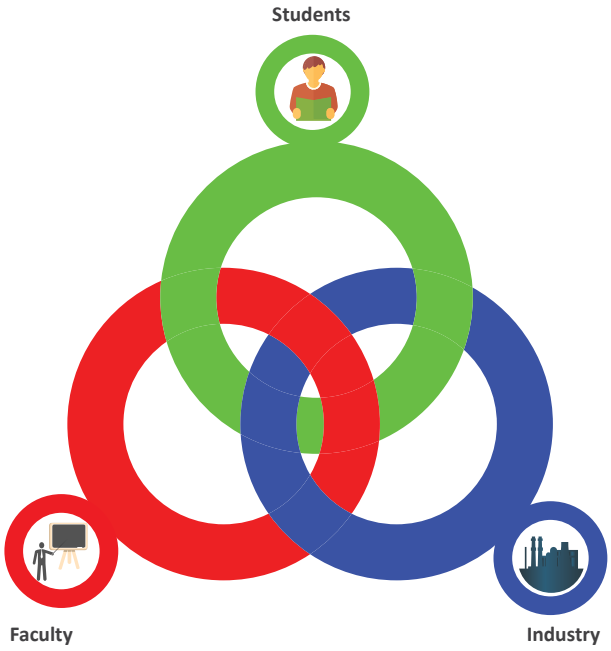
The Mission: To be a premium product innovation and development center in India by 2020 within the academic arena

The following strategic initiatives shall be deployed to achieve our goal:

- Collaboration: With Industry, students, faculty and society to develop innovative product ideas
- Organizational alignment: Academic courses to be aligned to achieve an end goal of product realization. All New Product Introduction, Innovation and Product Design & Development courses to be aligned towards a common goal. Faculty members from various departments to be in a team which shall work towards the 2020 goal
- Develop eco-system for product innovation and Intellectual Property Management – processes and tools
- Capability Building: Develop Product Innovation, Design and Development curriculum; Training programs and workshops for faculty and industry partners

MakerSpace

The 'MakerSpace' is a central facility created to promote product development and realization eco-system on the campus. It intends to provide students with unique learning experiences on real industry problems and products in a work-emulating environment. It helps them understand industry needs, professional requirements and the product realization process. The MakerSpace provides modern design, prototyping, and manufacturing facilities required for realization of any electro- mechanical product. It also provides expert supervision and training to use the facilities. The MakerSpace is administered by the University as a resource for all engineering departments. Facilities, with an investment of about 3.0 crores of rupees, occupying 10,000 square feet, include a machine shop (4000sq.ft), model shop (2000sq.ft) and project work area (4000sq.ft). Engineering student can use the MakerSpace for concept design & realization, course-related activity and/ or competition projects such as SAE Formula, SAE- BAJA SAE- ecokart, SAE-Efficycle, ROBOCON, etc. The shop is open 8 am-8 pm weekdays and on weekends as needed.



MakerSpace

Facilities

CNC Turning Centre (02Nos.)

CNC Vertical Machining Centre (02Nos.)

CNC Wire EDM

CNC Router

3D Desktop Milling Machine

PCB Prototyping Machine

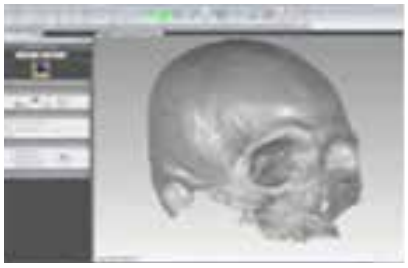
CNC Laser Cutting Machine

CNC Plasma Cutting Machine

3D Printer

Cubepro 3D Printers (2 Nos.)

3D Imager



Portable Coordinate Measuring Machine

Vertical Plastic Injection Molding Machine

Other Machine Tools

Centre Lathe

Universal Cylindrical Grinding Machine

Drilling Machine

Surface Grinder

Universal Tool & Cutter Grinding Machine

Industry Partnership

It is essential that the institute continues to strengthen its association with the industries to enhance its student learning experience and relevance of its research activities.

Curriculum intervention:

Board of studies of every program is having at least two senior members from Industries like Microsoft, GE, Tata motors, TCS, Samsung, Sankalp etc.

Industry Oriented Courses:

Fundamentals of Gas Turbines: Has been offered for the Mechanical stream departments in collaboration with Quest Global (now Aequs).

Active Directory Services: Has been offered in Collaboration with Microsoft IGTSC for the students of CSE, ISE and EC branches.

Parallel Computing and Applied Parallel Computing: Has been offered In Collaboration with NVIDIA for UG and PG courses of CSE and ISE.

Fundamentals of IT: Has been offered by the Mechanical stream departments in collaboration with Infosys.

Automotive electronics: Has been offered in Collaboration with Robert Bosch and KPIT. This has led to increase in placements by 150 % for the companies in the field of automotive electronics in Bosch, KPIT, Continental and Delphi.

Aircraft Systems and Design of Aircraft Structures: Has been offered by the Mechanical stream departments in collaboration with Infosys.

Manufacturing technology: Has been offered for the Mechanical stream departments in collaboration with Quest Global (now Aequs).

Industry based projects:

Around 80 capstone projects have been carried out in collaboration with Industries like Microsoft, Juniper Networks, Sankalp, Ion Idea, Nano pix, Hi-WI etc.

New MOU's Signed with industries:

| Juniper Networks, India Pvt, Ltd.

| Continental India Limited

Smart India Hackathon:

Smart India Hackathon was organized in association with MHRD, Ministry of Ayush and other Industries

Internships:

114 students were offered full time Internship by various Industries:

Cisco	6
GDV Pvt Ltd	3
Informatica	3
Infosys	15
INSZoom	2
Juniper CSG	3
Juniper Test Div	2
Kooki	2
Microsoft	9
Quest Global	3
Robert Bosch	24
Sankalp Semi	5
United Heat Transfer	4
Walmart Labs	10
Various Biotech Companies	23

Mock interviews by alumni from the industries:

Every department has organized mock Interviews by alumni to prepare the students.

PG Projects in Industries:

125 PG students have done their project in 35 industries

Guest Lectures from Industries:

Every department has organized Lectures from the industry in the form of Expert Lectures, Co-teaching, & career guidance.

Interactions with SRIB (Samsung)

Workshop on Machine Learning/ Deep Learning, AGILE and initiation of Software Competency Test (SCT)

- Team of 8 senior R & D members of SRIB lead by Mr. Balaji Hosur conducted a full day workshop on 8th Sept 2017 ML/DL, AGILE and discussion on SCT
- KLE Tech initiated following activities before the workshop
  - 103 registrations of faculty to Machine Learning MOOC course by Andrew Ng
- Based on inputs given during workshop following tasks are taken up
  - In ML/DL
    - | Monitoring of ML course (# of faculty completing the course)
    - | Formation of ML focus groups
    - | Building student project pipeline with the help of SRIB
  - In AGILE
    - | Introduction of AGILE in Engg Exploration, Product realization, Humanoid project of ARE and autonomous vehicle project
  - In SCT
    - | Design of 6 credit course on Advanced problem solving

R & D consultancy project on 3D reconstruction

| Signing of NDA documents is completed

| Number of iterations and finalization of statement of work

| PI- Uma Mudenagudi, fund amount is 6.5L and duration of the project is 6 months

| Vender registration process is over

| Project starts from 15th Sept 2017

Education Research

Centre for Engineering Education Research (CEER)

Background:

Academic Autonomy granted to BVBCET in 2007 offered an opportunity to innovate and excel in Engineering Education. This also came with the responsibility of performing to the expectations of all the stake holders including the regulatory bodies. It was at this time that the leadership of the system invested in collaborations to elevate itself to the next level of performance. The first such collaboration which gave the sound foundation was with Indo US Collaboration for Engineering Education (IUCEE). The faculty leadership institutes (FLIs) organised by IUCEE in 2008 and 2009 gave the exposure to global best practices of Engineering Education leading to sprouting of innovations in teaching –learning space showing visible results. Encouraged by this, Centre for Engineering Education Research was established in 2010 to encourage innovation and research in Engineering Education.

Vision:

To promote innovation and research in Engineering Education.

Objectives:

1. Empower faculty members with the best practices in curriculum design, teaching learning and assessment through training, workshop and allied activities
2. Encouraging innovation in curriculum design, teaching – learning and assessment
3. Facilitate research and systematic study of the impact of pedagogical practices
4. Conduct outreach activities like publication, workshops, trainings and conferences

Awards:

KLE Tech awarded as Ranked No 1 for **"Outstanding Institutional Transformation in Engineering Education"** by Indo Universal Collaboration for Engineering Education (IUCEE) . Dr. Ashok Shettar received award on Jan 8th 2017 in Vardhaman College of Engineering, Hyderabad.

Four faculty members of KLE Technological University were honored with all the four awards for for thier valuable contributions in the field of Engineering Education. The awards were instituted by IUCEE for the first time and were presented during International Conference on Transformations in Engineering Education (ICTIEE)-2017 held during January, 2017.

The faculty members received their awards at Vardhaman College of Engineering, Hyderabad on Jan 8th 2017 and in RK University, Rajkot on Jan 9th 2017.

Sl.No.	Faculty Name	Designation/Department	Award Name
1	Prof Gopalkrishna Joshi	Head of Department of Computer Science and Engineering and Director, Center for Engineering Education Research,	**2017 Dr. Veena Kumar Distinguished Engineering Educator Award**
2	Mrs. Padmashri Desai	Associate Professor, School of Computer Science and Engineering	**IUCEE Outstanding Engineering Educator Award**
3	Mrs. Meenaxi Raikar	Associate Professor, School of Computer Science and Engineering	**IUCEE Faculty Fellow**
4	Mr. Kaushik M	Assistant Professor, School of Electronics and Communication Engineering	**IUCEE Faculty Fellow**

Awards in Srishti

State level Engineering Project Exhibition

In Srishti 2017, a State level Engineering Project Exhibition, the students of Freshman Engineering KLE Tech, Mr. Vineeth, Ms. Vinuta, Ms. Sushma and Mr. Sumedh under the guidance of Prof. Kaushik M and Mr. Raghuraja Adi. This year's event was held at R V College of Engineering, Bengaluru during 26th- 28th May 2017

Activities:

Immersive Training in Pedagogy and Assessment and Institutionalisation of Best Practices

Five days Immersive Training was organized and conducted for 29 faculty members belonging to 4 departments from Hyderabad Institute of Technology and Management (HITAM), Hyderabad, as part of institutional mentoring.

The faculty members belonged to the following departments,

1. Electrical and Electronics Engineering
2. Electronics and Communication Engineering
3. Mechanical Engineering
4. Computer Science and Engineering

Objective:

1. Awareness on Pedagogical and Assessment Practices, 2. Identification of common learnings and Institutionalisation of Best Practices

The training was conducted for three teams during the following dates:-

Team 1-Feb 1-4, 2017, Team 2-March 7-11, 2017, Team 3-March 13-17, 2017

Venue : CEER , KLE Technological University, Hubballi

PRAYOG

(Freshman Engineering course project exhibition for Engineering Exploration course)

PRAYOG is a course project exhibition for a freshman course, Engineering Exploration. This exhibition is conducted twice a year, as PRAYOG Vasant and PRAYOG Sharat. Every year approximately 250 Course projects are showcased by approximately 1100 students (120 projects in first semester i.e. PRAYOG- Sharat and Approx. 140 projects in second semester i.e. PRAYOG- Vasant). The exhibition gave an opportunity for the freshman to showcase their projects to peers, faculty and delegates from various industries.

PRAYOG Vasant 2017 was conducted in Quadrangle, KLE Technological University, Hubballi where Approx. 140 Course Projects were showcased done by Approx. 550 Students.

Few industrial delegates have visited the exhibition and appreciated the work of a freshman engineering students and also the updated the same on their blog INDIA INSPIRES by Ashwini Aggarwal in this link http://india-inspires.com/kle-technological-university-integrating-education-employment-and-regional-economy/

Faculty Conclave 2017

A Two-days Faculty Conclave- 2017 was organized by Centre for Engineering Education Research (CEER), KLE Technological University, Hubballi on 27-28th, July, 2017. The event was seventh in series of its kind being arranged since 2011. The event being conducted annually provides a platform to showcase new pedagogical practices and research in the space of engineering education at KLE Technological University, Hubballi.



The event had in all 21 paper presentations by the faculty members belonging to different schools and Departments of the institute and spread over five sessions.

Five distinct themes namely,

1. Curriculum Innovation. 2. Outcomes Assessment 3. Experiential Learning. 4. Pedagogies in Engineering Education. 5. Research Experiences, Entrepreneurship and Industry-Institute Collaboration. 6. Graduate Program Experiences. 7. Tzechnology Enhanced Learning & MOOC Experiences.

The key highlights of the Faculty Conclave- 2017 were:

1). The abstracts of all the papers presented were compiled and released as "Proceedings of the conclave " during the inaugural session.

2). A series of four pre-conclave workshops were organized as a run-up to the conclave with themes of institutional relevance. The following were the pre-conclave workshops organised.

a. Workshop on Outcome-Based Education (OBE) was organized by Dr. P.G. Tewari, Principal, B.V.B. College of Engineering & Technology, Hubballi.

b. Workshop on Rubrics-Based Assessment was conducted with Dr. G.H. Joshi & team.

c. A session on Impartus Lecture Capture Solution (LCS) was undertaken by Mr. Ramprasad, Senior Client manager, Impartus.

d. An orientation session 3T- Teaching, Technology and Transformation using CollPoll was delivered by Dr. Murli Nagasundaram.

The faculty of the institute actively participated in the deliberations during the conclave. The event served as a forum for exchange of ideas and practices followed across the various schools and Departments of the KLE Technological University.



Webinar/Workshops on Outcome Based Education(OBE)

The understanding and experience of practicing outcome based education in our Institution is being shared with the community of engineering educators in the form of induction programs, workshops, webinars and courses.

Faculty Induction Program 2017-2018

A one day program on Faculty Induction was organised and conducted for newly joined faculty members of KLE Technological University and BVB College of Engineering and Technology on Aug 6, 2017. A total of 28 faculty members participated in the program from Schools of Electronics and Communication Engineering, Computer Science and Engineering, Civil and Environmental Engineering and department of Electrical and Electronics Engineering. The workshop was conducted by Dr.Gopalkrishna Joshi and Dr. Prakash Tewari.

The program was aimed at equipping faculty members with the knowledge and skills required to Outcome based engineering education practise effectively. The sessions themes are as follows:-

1. Introduction to OBE and Elements of OBE 2. Course Design and Delivery 3. Outcomes Assessment 4. Effective Teaching

IUCEE KLE Tech., Webinar course on OBE

KLE Tech has started offering an online certificate course on Outcome Based Education in collaboration with Indo Universal Collaboration for Engineering Education. Dr.Ashok Shettar, Dr.Prakash Tewari and Dr.Gopalkrishna Joshi are the resource persons for this course. This year's webinar is the second in the series which was started in 2016.

A series of 12 webinars will be conducted between Sep 21 to Dec 7, 2017. In addition to the practices of OBE, the practices in Pedagogy will also be introduced.

Workshop on OBE at P.E.S College of Engineering, Aurangabad

A workshop in OBE was conducted at PES College of Engineering, Aurangabad during June 29-July 01,2017. Dr Prakash Tewari and Dr. Gopalkrishna Joshi were the resource persons. The number of participants was 120.

The outcomes of the 3-days workshop are as follows:-

1. Explain the relevance of outcome based education in the context of engineering
2. Interpret the graduate attributes of Washington Accord and Program Outcomes of Accreditation Bodies
3. Analyse stakeholders requirements to formulate program specific outcomes
4. Design course(s) to offer knowledge, skills and values articulated through program outcomes
5. Design course and program assessments and analyse the results of assessment
6. Use Bloom's Taxonomy in enhancing the effectiveness of course design and assessment
7. Choose best practices of practicing outcome based education relevant to their context

Workshop on OBE at IIT Bhubaneswar

A workshop in OBE was conducted at IIT, Bhubaneswar during June 29-July 01,2017. Dr. Gopalkrishna Joshi was the resource person and conducted the sessions for 20 participants.

Outbound Orientation Program

A Two day Outbound Orientation program was organised by Center for Engineering Education Research, BVB College of Engineering and Technology, Hubballi during Feb 5-6, 2017 in Hornbill Resort, Dandeli.

This program was organised for 15 faculty members who taught the freshman course Engineering Exploration for the year 2016-2017 (Odd semester).

The faculty belonged to the following departments:

1. Mechanical Engineering 2. Computer Science and Engineering 3. Electrical and electronics Engineering 4. Center for engineering Education Research 5. Electronics and Communication Engineering

Objectives of the program:-

1. Goal setting for the next semester 2. Identify areas for research and frame research questions

3. Increase Team motivation by engaging in team building activities

Recognitions

Biotechnology Skill Enhancement Programme

The Department of Biotechnology of KLE Tech has been chosen as one of the host institution by KBITS to run its flagship BiSEP programme for the Fermentation and Bioprocess domain.

TBI Recognition by DST

KLE CTIE has been recognized as Technology Businiss Incubator (TBI) by Department of Science and Technology, GOI, and a grant of Rs 3.40 Crores has been Scantioned.

KLE Tech awarded as Ranked No 1

KLE Tech awarded as Ranked No 1 for "Outstanding Institutional Transformation in Engineering Education" by IUCEE (India US Council for Engineering Education)

Dr. Hans Hoyer, Secretary General IFEES (International Federation of Engineering Education) Congratulating the Vice Chancellor.

KLE Tech Vice Chancellor Dr. Ashok Shettar receiving award from Prof. Krishna Vedula, Executive director IUCEE

New infrastructure

Our infrastructure is the key enabler for us to deliver world-class educational experience for our students. A major building project construction of School of Electronics is being undertaken.

Continuing our efforts to develop ambient green campus, new landscape projects were undertaken. The new landscape focuses on creating informal interaction space for the students in the campus.

School of Electronics & Communication Engineering

Musical Fountain

IT Platforms and Services

The University network is on OFC. 39 managed switches, 150 access points, UTM, AAA server are part of new network. Back bone capacity is 10 Gbps Internet speed is 325 Mbps

Current network can cater up to 25000 plus student and 5000 faculty with very effective bandwidth management, currently more than 30 servers are running, with modern audio and visual facilities, servers like NPTL video learning and moodle open source learning platform are part of new network.

The present status of KLE Tech Campus network

- Campus back bone is of OFC link with capacity of only 10 Gbps.
- L3 based core switch with 250 Gbps capacity
- CPE Based technology for telephone.
- Number of nodes in Campus is 2500 plus(desk tops)
- With 08 sub nets and internal LAN with different topologies
- Internet speed is 325 Mbps (service provider is BSNL and TATA)
- 150 wireless access points across campus, 76 access points covering entire hostels.
- Modern equipment like Sophos XG 450,AAA server, controller unit, NMS etc
- Video conferencing and teleconferencing tools at seminar halls. (Polycom)
- 15 classrooms are equipped with lecture capturing systems(impartus)

Board of Governors

Name	Designation
Dr. Prabhakar B. Kore	Chairperson
Prof Ashok S. Shettar	Member
The Principal Secretary/Secretary, Higher Education,Government of Karnataka.	Member
The Principal Secretary/Secretary, Medical Education, Government of Karnataka.	Member
Prof M. I. Savadatti	Member
Prof R. Natarajan	Member
Prof B. S. Sonde	Member
Dr. Sudha N. Murty	Member
Prof P. G. Tewari	Member
Prof B. L . Desai	Member Secretary

Student accolades

BVBCET emerges as Runners-up in SRISHTI-2017

BVB College of Engineering and Technology, Hubballi, won the "RUNNERS-UP TROPHY" during the 3-days State Level Project Exhibition and Competition organized by Akhila Bharatiya Vidyarthi Parishad at R.V. College of Engineering & Technology, Bengaluru.

BVB-KLE Tech Finish as Runners-up in SAE India E-Baja 2017

BVB-KLE Tech Team Concept Green, in the 2016-17 edition of SAE India E-Baja, the biggest ATV Event in India, bagged the Best Engineering Design Award, 2nd in Durability and also finished as Runners-up at the event. The Team scripted BVB's major breakthrough in SAE Events.

The objective of the competition was to design, fabricate and develop a completely electric All-Terrain Vehicle (ATV) which can withstand the harshest elements. The student made vehicles were tested in very difficult track and rough terrain.

InfyMakers 2016 Award

The InfyMaker Awards, in India, is inspired by one of the largest Maker Awards programs, announced by Infosys Foundation USA, to support Makers in the United States. The InfyMaker Awards are testimony to Infosys' commitment to encourage the concept of 'Making' in India, acknowledging those individuals who have interesting or innovative solutions for real-world issues with a knack towards leveraging technology to make things easier.

E Baja 2017-18

The e-Baja (Electric) team qualified for the final event securing 16th place out of the 46 teams selected.

The m-Baja (Petrol engine) team qualified for the first time in the history of the institute at 83rd position out of 130 teams selected.

Techno Graduate Innovators Award 2016 by IESA

TThis Award is for triggering innovative sprit among graduates and undergraduates. The Award is to recognize the most innovative project/product done by a team or an individual. He/she/team is required to be student/s doing under graduation or who has graduated in the year 2016.

Communicative Glove is an assistive device for the auditory disabled in the form of a Human-Machine Interface system that converts the signs made in the form of hand gestures to the corresponding audio and text output understood by all.

Supra 2016-17

Finished 4th overall at the national level competition out of 128 teams that registered for the event.

Best poster presentation award for the poster

School of Architecture second semester student Avanika P. Yammiyavar presented a paper at national conference on recent advancements on environmental research held at IIT Guwahati.

She also won best poster presentation award for the poster "Modelling li brick wall design patterns to optimize indoor climate parameters of built environment" inspired from Laurie Baker's design.

Financials

Income and Expenditure Statement for the year 2016-17 (Includes Capital Expenditures)

Income	Amount (Rs)	Revenue Expenditures	Amount (Rs)	Capital Expenditures	Amount (Rs)
Academic Receipts	30,19,17,428.00	Staff Payments & Benefits	12,47,27,632.00	Buildings	8,19,26,955.00
Grants and Donations	-	Academic Expenses	2,09,05,914.00	Equipments	1,38,48,619.00
Income from Investments	84,36,046.00	Administrative & General Expenses	1,95,14,824.00	Computers & Softwares	1,20,97,687.00
Other Incomes	42,82,076.00	Transportation Expenses	1,24,194.00	Furnitures & Fixtures	92,76,809.00
		Repairs & Maintenance	1,39,83,843.00	Books	4,38,436.00
		Finance Costs	21,56,949.00	Vehicle	24,36,494.00
		Research and Development	41,59,390.00	Research and Development	12,41,400.00
		Depreciation	1,86,32,642.00		
Total	**31,46,35,550.00**	**Total**	**20,42,05,388.00**	**Total**	**12,12,66,400.00**
		Capital Expenditure Total	12,12,66,400.00		
To Deficit (Excess of Expenditure over Income)	1,08,36,238.00				
Grand Total	**32,54,71,788.00**	**Grand Total**	**32,54,71,788.00**		

Alumni Association -Events

General Body Meeting for financial year 2015-16 was held on the 24th December, 2016 and needy twenty students have provided financial assistance amounting to Rs.4.0 lakhs for their hostel needs for academic year 2016-17, under Nurture Merit @ BVBCET project, in BT Seminar Hall on the campus.

Nurture Merit @ BVBCET Project Student beneficiaries

BVB-Pune Alumni Team have arranged a family get-together on 26th January, 2017 at Mantra Resort, near Pune. Active participation from Mr.Dileep Miskin, Mr.Gururaj Joshi and Smt.Chetana Rao made this event possible. Prof.B.L.Desai, Prof.T.V.Swamy, Prof.Sanjay Kotbagi, Prof.C.D.Kerure, Prof.Amit V. Kachvimath, Prof.Deepa Muliman and Prof. Venkatesh Mane attended the event on 24th January, 2017 in Pune. Alumni with their families enjoyed the meet at Mantra Resort with beautiful nature around.

BVBians successful in UPSC


ಬಿ.ವಿ. ಭೂಮರಡ್ಡಿ ಕಾಲೇಜಿನಲ್ಲಿ ಪದವಿ ಪ್ರದಾನ

We are proud to state here that our BVBians are venturing in the field of Union Public Service commission examinations and are successfully passing the examinations with very good ranks. Recently Five such BVB alumni have been falicitated during the Graduation day on the 6th June, 2017 in the BVB Campus.

We congratulate all the following BVB alumni for having qualified in UPSC and Congratulate them on this occasion. :Mr.Laxman Nimbaragi Rank 104 (2013 Batch E&C), Mr.Mallikarjun Mamani Rank 343 (2014 Batch E&C), Mr.Fakkiresh Badami Rank 269 (2017 Batch E&C) and Mr.Avinash Naduvinamani Rank 1019 (2017 Batch E&C) and Mr.Sudhir Patil (Batch 2017 Mech) .

Alumni Achievers:

Principal Engineer, Ravindra Shankar Ganiger from GE Aviation is the proud winner of the Edison Pioneer Award 2017. The award was presented to Ravindra by GE Chairman Jeff Immelt in Niskayuna, New York- US for his significant contribution in developing the bearing support systems in commercial Aero engines for which he has about 27 patents to his credit.

Ravindra received 10,000 USD prize from Jeff Immelt. He dedicated the grant money to a project called “Tech Innovation center”, a new initiative in association with the KLE Technological University Hubli- India, that aims to foster a favourable ecosystem for developing and motivating innovations. He is from the Mechanical branch of 1996. Details are given in the attachments.

KLE Tech Executive Leadership Team

Dr. Ashok Shettar
Vice Chancellor

Prof. B. L. Desai
Registrar

Dr. P. G. Tewari
Dean- Academics

Dr. B. B. Kottursheṭtar
Dean- Planning & Development

Dr. Uma Mudenagudi
Dean- Research & Development

Prof Gopal Joshi
Dean, Curriculum Innovation
& programme assessment

Prof. S. B. Kurubar
Dean- Examinations

Dr. Anil Nandi
Controller of Examinations

Dr. Sanjay Kotabagi
Dean- Student Welfare

Heads of Schools / Departments

Dr. B. B. Kottursheṭtar
Mechanical

Dr. Nalini Iyer
Electronics & Communication

Dr. Meena M
Computer Science

Dr. S. S. Quadri
Civil

Dr. A. B. Raju
Electrical & Electronics

Prof. A. C. Giriyapur
Automation & Robotics

Prof Uday Muddapur
Biotechnology

Prof Gururaj Joshi
Architecture

Prof P R Patil
Master of Computer Applications

Prof S V Patil
Master of Business Administration

Prof Sanjay Kotabagi
Humanity

Prof T V Swamy
First Year

Center Heads

Prof. Nitin Kulkarni
Director, KLE CTIE

Prof. Gopal Joshi
Director, CEER

Dr. Satyadhyan Chickerur
Coordinator, CIAP

Prof. C. D. Kerure
Placement Officer

Prof. Parikshit Hegde
Head, Infocell

Dr. M. R. Patil
Head, C & M Cell

Campus Snapshots

KLE TECH

KLE Technological University

Vidyanagar, Hubballi- 580 031, Karnataka- India

Tel. : +91- 836- 2374150, 2378123, Fax : +91- 836- 2374985, Email : info@kletech.ac.in, website : www.kletech.ac.in

www.kletech.ac.in