KL
(DEEMED TO BE UNIVERSITY)

KONERU LAKSHMAIAH EDUCATION FOUNDATION
KNOWLEDGE • LEADERSHIP • UNIVERSITY

SHAPING THE COMPLETE STUDENT

DESIGNED BY
WOODS BAGOT™
WORLD RENOWNED ARCHITECTS

K L UNIVERSITY

# CONTENTS

**www.kluniversity.in**

# A MESSAGE FROM THE PRESIDENT

*Greetings of the day !*

K L University drives a mission "To impart quality higher education and to undertake research and extension activities, with emphasis on application and innovation that cater to the emerging societal needs, through all-round development of students of all sections, enabling them to be globally competitive and socially responsible citizens with intrinsic values."

K L is the pioneer in adopting teaching methodologies & teaching learning processes for honing higher order thinking skills in students like Lab Taken to Class (LTC), Flipped Classroom, Project Based Learning, Deep Learning, Blended Learning, Empirical Learning, Case Study Based Learning. Through KLOCW (K L Open Course Ware) and offering courses on MOOCs, K L truly offers global education to every student. A very strong alumni base of more than 50,000 across the globe is testimony to this.

We at K L, offer a Fully Flexible - Choice Based Credit System which allows students to design their own degree, offer acceleration and deceleration, option for change of stream & branch, degree with specialization, minor degree and degree with honor. Our 1150+ elite faculty are a blend of industry, academic and global exposure.

Research at K L is of paramount importance and the 2000+ Active Researchers with 7000+ Research Publications & 50+ Patents, Rs. 40+ Crores of Govt. Funded Research, 40+ Research Centers and 40+ Faculty with Govt. of India Research Awards (including a Presidential Award) are testimony to the emphasis on research equal to teaching.

The international partnership programs at KL provision twinning programs, course delivery by foreign professors, research supervision by 250+ international experts, access to international labs to carry out research, access to international conferences & workshops. MOUs are in place with 73 renowned universities for faculty exchange, student exchange and curriculum design.

Skilling is adding a dimension to the student's repertoire. At K L, we skill students in AI & ML, IoT, Big Data & Analytics, Cyber Security & Forensics, Applied Signal Processing, Autotronics, Robotics, vvvatronics and a host of other streams in collaboration with NSDC and leaders in the Industry.

Offering Launch pads for higher education, full semester practice school, internships abroad, a Govt. sanctioned Technology Business Incubator with emphasis on student entrepreneurship, world class sports arenas gyms and campus living, K L truly stands by "Shaping the Complete Student".

Yours sincerely,

*Koneru Satyanarayana*

## A++
### NAAC
An Autonomous Institution of
UGC under MHRD, Govt. of India
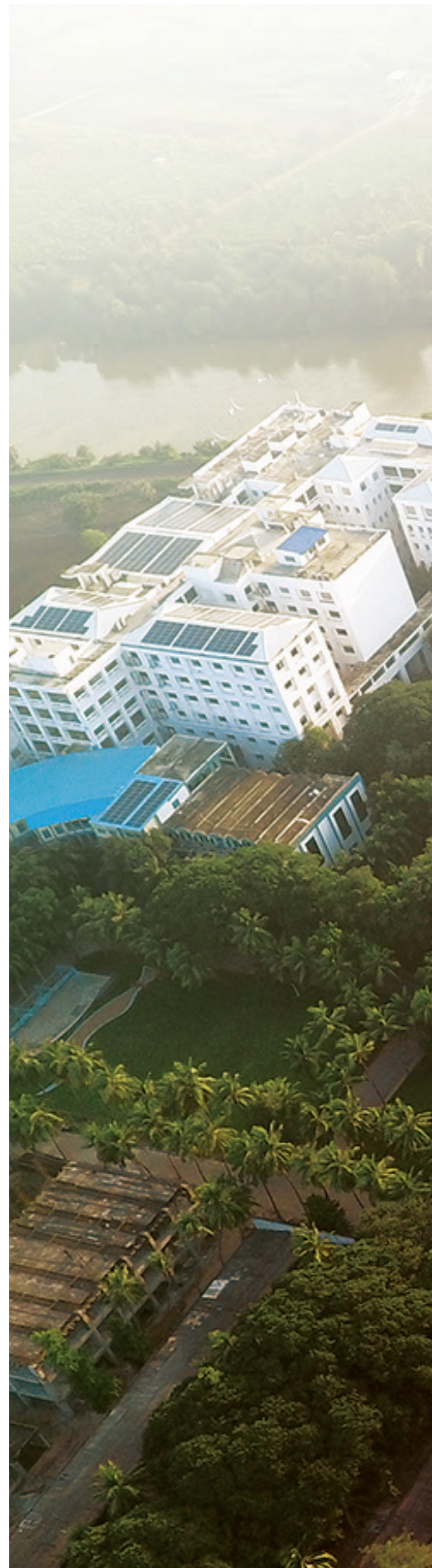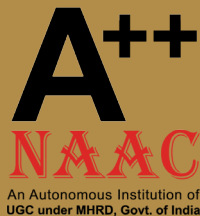
K L University has been awarded the Highest Grade **A++ by NAAC,** (An autonomous Institution of UGC under MHRD, Govt. of India) with a CGPA of 3.57/4 the **Highest Amongst Private Deemed to be Universities in India.**

NAAC evaluates institutions for their conformance to the standards of quality in terms of its performance related to the educational processes and outcomes, curriculum coverage, teaching- learning processes, faculty, research, infrastructure & learning resources.

## 15000+ STUDENTS

## 50,000+ ALUMNI WORLDWIDE

ENGINEERING

PHARMACY

ARCHITECTURE

FINE ARTS

MANAGEMENT

LAW

SCIENCES

HUMANITIES

## 31 COUNTRIES REPRESENTED IN STUDENT POPULATION

## TOP REGIONS

- NEPAL
- BHUTAN
- ZAMBIA
- UGANDA
- YEMEN
- RWANDA
- SAUDI ARABIA
- JORDAN
- CANADA
- THAILAND
- MALASYIA

- KENYA
- ETHOPIA
- IRAQ
- LIBIYA
- TUNISIA
- TURKEY
- GHANA
- CHINA
- BURUNDI
- ZIMBABWE
- EGYPT

A++
NAAC
An Autonomous Institution of
UGC under MHRD, Govt. of India

nirf
2018
49th

nirf
2016
59th

nirf
2017
68th

QS WORLD
UNIVERSITY
RANKINGS
RANKED
2018

All India
2nd
SWACHATA RANKINGS
TECHNICAL INSTITUTES

#1 RANK
2018
in Andhra Pradesh by
Australian
uniRank

TIMES ENGINEERING
1st RANK
2017&18
AP & TELANGANA
5th RANK
2018
SOUTH INDIA

CAREERS 360
THE COMPLETE CAREER MAGAZINE
AAAA+

AS PER 2018
RANKING
IN TOP 25
DEEMED UNIVERSITY
6th
IN TOP 100
PH. ENGG. COLLEGES
9th

THE WEEK
6th
RANK
IN SOUTH INDIA

the pioneer
FIVE STAR
RATING
2017

# ABOUT K L

The Koneru Lakshmaiah Charities was established as a trust in the year 1980 and started K L College of Engineering in the Academic year 1980-81. The trust was converted into a Society by the name Koneru Lakshmaiah Education Foundation in the year 1996. The K L College of Engineering has attained autonomous status in the year 2006 and in February 2009, the Koneru Lakshmaiah Education Foundation Society was recognized as Deemed to be University. In short Koneru Lakshmaiah Education Foundation is named as K L (Deemed to be) University.

## VIJAYAWADA CAMPUS

K L Deemed to be University is situated in a spacious 100 acre campus on the banks of Buckingham Canal of river Krishna, eight kilometres from Vijayawada city in the Sunrise State of Andhra Pradesh in India. 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 been situated on a built up area of around 2.5 Million Sft.

## CONNECTIVITY

The city is well connected by air, national highways and rail and is a central junction for trains running from North to South India. The international airport has connections from across the globe and all major cities and towns in India.

## HYDERABAD CAMPUS

K L H, An integrated world-class 90-acre campus is being constructed in the centre of education hub at Bachupally Hyderabad, the Capital city of StartUp State Telangana. Hyderabad is the fourth largest populous metropolitan city and fifth most productive metro area of India. Designed by Woods



Bagot, the campus is being build to be a benchmark in global education standards.

The current campus is located near TSPA Junction on Chilkur Road, Hyderbad. The campus is 4 mins away from Exit 18 on the ORR and 13 mins from Gachibowli Junction. The airport is 25 mins away and is connected to the campus via ORR.

## CONNECTIVITY

Hyderabad is well connected to all major cities of India by road, rail and air. Rajiv Gandhi International Airport makes Hyderabad one of the best connected cities in the world by air.

**Founder**
**Sri. Koneru Lakshmaiah**
1926 - 1999

Sri Koneru Lakshmaiah an Industrialist, Educationist and a Visionary, was the brain behind the emergence of Private Engineering Colleges in Andhra Pradesh. His foresight and pioneering effort has resulted in high-end technical education being offered in every part of the state today. The Institution continues to imbibe his spirit of leadership in its quest of attaining the epitome of excellence.

# GOVERNANCE

*Secretary*
**Smt. Kanchana Latha**

*Chancellor*
**Dr. S.S. Mantha**
Ph.D.
(Combustion Modeling)
Former Chairman AICTE
Advisor Govt of AP

*Vice President*
*Planning and Projection*
**Havish Koneru**
B.S. (IE), Purdue University
London School of Economics

*Vice-Chancellor*
**Dr. L.S.S. Reddy**
Ph.D.
Computer Science Engineering,
BITS Pilani

*Pro Vice-Chancellor*
**Dr. Ramakumar**
Ph.D. Civil Engineering,
JNTU, Hyderabad.

*Vice President*
*Operations & Service*
**Raja Hareen Koneru**
B.S. (Molecular & Cell Biology), University of Illinois
M.S. (Biotechnology), Northwestern University

*Registrar*
**Dr. T. Umamaheswar Rao**
Ph.D.
Award Young Scientist in
Humanities and Social Sciences
awarded by UGC, New Delhi.

# FACULTY - OUR STRENGTH

| Overall University | | | | |
|---|---|---|---|---|
| Ph.D | Ph.D Pursuing | Masters | Total | % of Doctorates |
| 557 | 467 | 144 | 1168 | 48 |

| Engineering | | | | | |
|---|---|---|---|---|---|
| Department | Faculty | | | | % of Doctorates |
| | Ph.D | Ph.D Pursuing | Masters | Total | |
| BioTechnology | 25 | 3 | 0 | 28 | 89 |
| Civil | 20 | 30 | 6 | 56 | 36 |
| Computer Science | 113 | 123 | 49 | 285 | 40 |
| Electronics & Communications | 87 | 121 | 26 | 234 | 37 |
| Electronics & Computer | 12 | 15 | 7 | 34 | 35 |
| Electrical & Electronics | 15 | 12 | 2 | 29 | 52 |
| Mechanical | 36 | 40 | 15 | 91 | 40 |
| Science & Humanities | 153 | 71 | 10 | 234 | 65 |
| | 461 | 415 | 115 | 991 | 47 |

| Other Departments | | | | | |
|---|---|---|---|---|---|
| Department | Faculty | | | | % of Doctorates |
| | Ph.D | Ph.D Pursuing | Masters | Total | |
| Management | 51 | 20 | 9 | 80 | 64 |
| Hotel Management | 4 | 4 | 2 | 10 | 40 |
| Architecture | NA | 8 | 7 | 15 | NA |
| Pharmacy | 9 | 2 | 1 | 12 | 75 |
| Law | 6 | 3 | 2 | 11 | 55 |
| Computer Applications | 4 | 5 | 2 | 11 | 36 |
| Commerce | 5 | 3 | 2 | 10 | 50 |
| Arts | 11 | 2 | 1 | 14 | 79 |
| Fine Arts & Visual Communication | 6 | 5 | 3 | 14 | 43 |
| | 96 | 52 | 29 | 177 | 54 |

# HALLMARKS

- Accredited by NAAC A++ Grade.
- Approved by All India Council for Technical Education (AICTE), New Delhi.
- ISO 9001- 2008 Certified Institution.
- Recognized as a Public Funded Research Institute (PFIR)/SIRO by DSIR of Govt. of India.
- Six Departments (Electronics & Communication Engineering, Mechanical Engineering, Atmospheric Science, Computer Science & Engineering, Electronics and Computer Engineering and Bio-Technology) are sponsored by DST-FIST.
- 1150 + Eminent Faculty with 550+ Ph.Ds
- Higher order teaching pedagogies
- Industry intergrated curriculum
- Lab taken to Class
- Skilling by Industry and Experts

## FLIPPED CLASS ROOMS

A 180 degree shift in "traditional" education. in the traditional model the teacher stands between the students and the knowledge. With the flipped classroom, students have direct access to the knowledge and the teacher serves as a coach and mentor.

With the flipped classroom model, students have to prepare their contact moments. During contact moments teachers are able to zoom in on the application and deeper processing of the learning material.
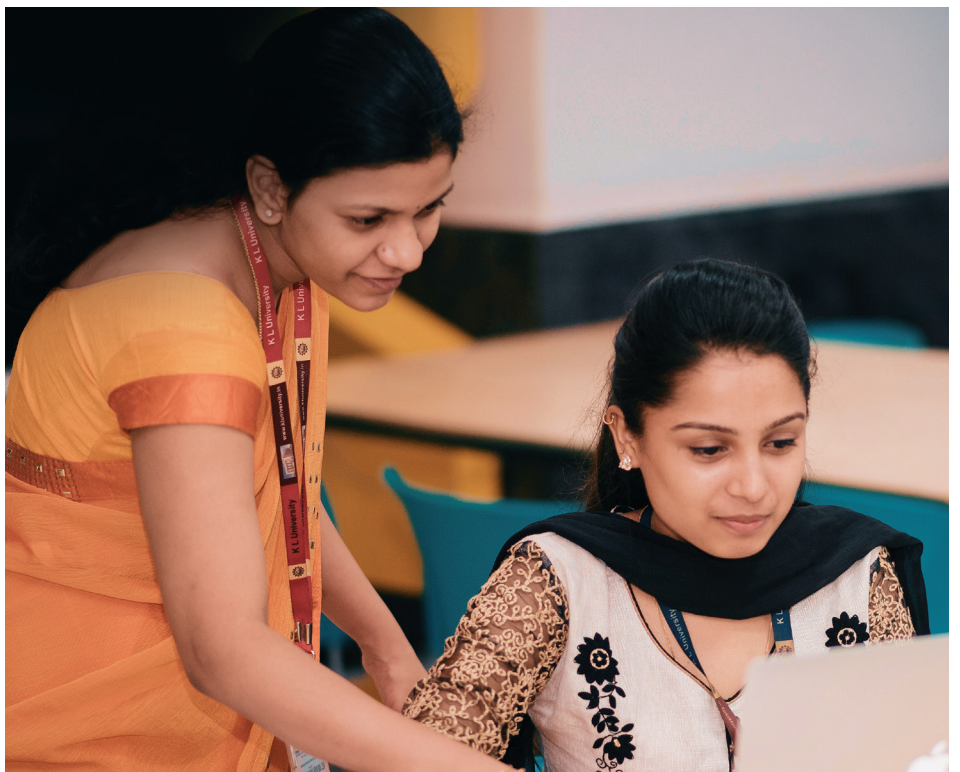
# LAB TAKEN TO CLASS

LTC offers students assignments and activities based on real-life situations or primary research that engages them in reflective problem-solving with multiple potential avenues of inquiry in the classroom than in the labs.

# PRACTICE SCHOOL

Allows the students to undergo on-the-job training / Industrial Training to achieve hands on experience in the industry.

During Practice School, some of the students are offered a stipend, a job offer or both.

# ENTREPRENEURSHIP

Learn to break free from the way things have always been done. Discover new ways of thinking and acting so that the biggest societal and business challenges can be solved

# INTERNSHIP ABROAD

Pursue full semester or summer internships abroad

# STANDOUT WITH K L

- Education Experience Unparalled
- KLOCW (K L Open Course Ware)
- Launch pads for: Civils, GATE, GRE, TOEFL, IELTS
- Govt sanctioned Technology Business Incubator (TBI)
- Super Computer (HPC) on Campus
- Completely 802.11AC enabled Smart Campuses with 11Gbps ILL
- 72 Student Hobby Clubs & Chapters
- National Level Techno Management & Cultural Fests
- International Events by K L GYE: Globe for Young Engineers
- Practice School for Global Industry Internships
- Deeply transformative experience
- Unparalled Education experience
- Campuses with 31+ Lakh Sft. Built-up Area
- World Class Sports Arenas and Gyms
- 12 Multi Cuisine Cafeterias
- Banking, Convenience stores, Laundry & other integrated facilities on campus
- AC & Non AC Hostels for Boys & Girls
- AC & Non AC Buses



*ProdigiousLibrary*



## THE DATA CENTER
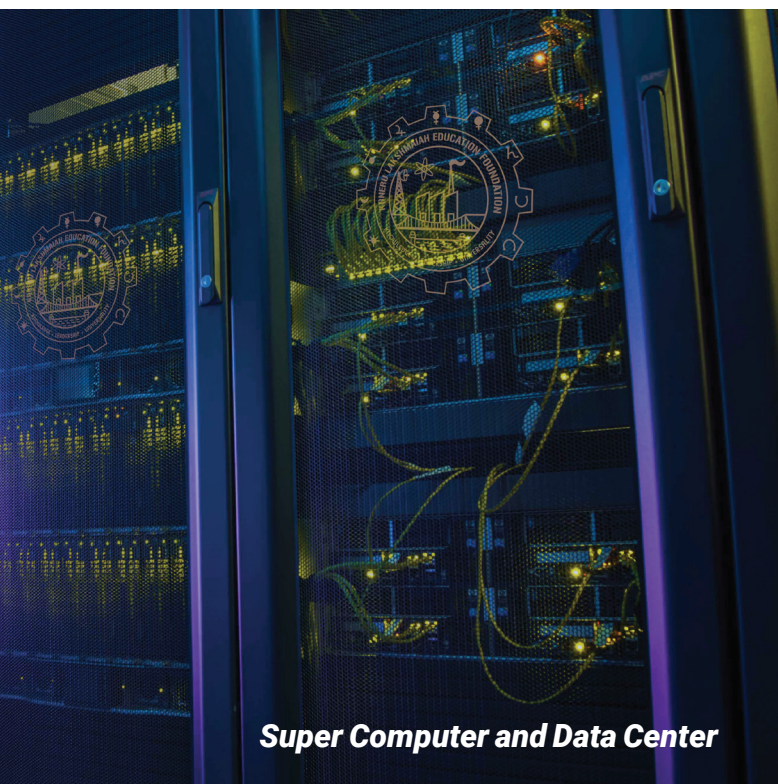
A State-of-the-Art Data center with advanced servers provides highly interactive learning environment with full fledged hardware and software training facilities. HPC Infrastructure (Super Computer) 5.3 Teraflops (CPU + GPU)

**12 Multi Cuisine Cafeterias**


**Living on Campus**


**Super Computer and Data Center**

Completely 802.11ac enabled Smart Campuses with 11Gbps Internet bandwidth

# STUDENT WELFARE

## SPORTS

K L Deemed to be University encourages students to explore their latent talents by providing good games and sports facilities. The institute is equipped with the following facilities.

- Athletic track
- Hockey Field
- Badminton Courts
- Tenni-koit Courts
- Cricket Field with Net practice
- Volleyball Courts
- Tennis Courts
- Handball Court
- Netball Courts
- Throwball Courts
- Beach Volleyball Court
- Football Field
- Basketball Courts
- Kabaddi Courts
- Table Tennis
- Chess
- Carroms
- Kho Kho Court
- Soft Ball
- Archery

## INDOOR STADIUMS

- Coaches with International standards, for all major games and sports
- 4 wooden Shuttle Courts and Basketball Courts
- Yoga and Meditation Center
- Dramatics
- 8 Table Tennis Tables
- Hobby Center
- Gymnasium for Girls
- Gymnasium for Boys
- Multipurpose room with Chess, Carroms etc.
- Power Lifting/Weight Lifting

## HOSTELS

K L Deemed to be University has separate hostels for girls and boys with well furnished rooms and modern amenities. The overall atmosphere is very conducive for the students to concentrate on studies and research.

- A state of the art kitchen and spacious dining area has been provided for all the hostels.
- Generators have been provided as power back up.
- Emphasis has been laid on hygiene and cleanliness for healthy living. A customized menu caters to the student needs and it keeps changing according to their tastes.
- Teaching staff to address academic and personal problems of the students.
- Wi-Fi enabled hostels.
- Round-the-clock security, communication, dispensary facilities are also available.

## TRANSPORT

The University runs AC & Non AC buses covering a very wide geography

- Vijayawada Campus (Vijayawada City, Mangalagiri, Guntur, Tenali & Amaravathi)
- Hyderabad Campus (All major localities)
- Transport facility available up to 8:00 PM.
- Ambulance Service is available 24 hrs in case of any emergency in the institute / hostels

## OTHER FACILITIES

Classroom learning enabled through ICT (Information Communication Technologies) / Flexible Academic System

- ERP implemented for all activities
- "Cybex International" Exercise equipment in Gyms
- Dispensary and a vehicle for emergency
- Post Office

- Protected drinking water
- Covered parking facility for vehicles
- faculty Accommodation on campus
- Guest house in the Campus
- Dispensary – Routine check up / treatment with 2 Physicians
- Round the clock security.
- Common Rooms for Students.
- ATM Facility.
- NSS unit and NCC
- Extension Activities



## COMPUTER NETWORKING

Totally Wi-Fi enabled Campus with high speed fiber optic backbone, enabling:

- 24x7 11 Gbps Internet connectivity through firewall with multiple ISPs
- e-Learning facility in every Class Room
- 4300+ Computing Terminals
- HPC Infrastructure (Super Computer)
- 5.3 Teraflops (CPU + GPU)
- Master Node
  HP DL 380P 1* DL380p Gen8 (2* 2.6Ghz, 64GB RAM, 2x2TB HD, 10G IB HCA)
- Core Switch
  HP 12508 (1250x G2 Fabric Module, HP 1250x G2 Fabric Module, HP
- Application Servers
  8* BL460c Gen8 Servers (BL460c Gen8, 2*E5-2665 8Core, 128GB (16* 8GB) Memory, 2*300GB 15K RPM SAS drives, 1* HP Flex Fabric 10Gb 2-port 554FLB FIO Adapter)
- Storage
  HP 3AR P7400 Storage (30*HP M6720 2TB 6G SAS 7.2K 3.5in NL HDD + 68 * HP M6710 300GB 6G SAS 15K 2.5in HDD + 8*HP M6720 100GB 6G SAS 3.5in SLC SSD)
- Sun Servers
- Dell Power Edge
- Apple server Xserve

# COMPUTING FACILITIES

# ACADEMICS

### ACADEMIC FLEXIBILITIES

K L University offers flexibility for B. Tech. & M. Tech., Degree students in doing the courses. In addition to the prescribed courses a student can register for more electives, summer term courses, evening courses provided the timetable & University facility permits.

### CHANGE OF BRANCH

At the end of 1st year a B. Tech students can avail the branch change option to choose the branch of his choice. Change of branch will be made strictly on the basis of merit of the applicants and availability of seats.

### INTEGRATED PROGRAM

The University permits a student to complete a master's degree along with the regular undergraduate program in six year duration.
Ex: B. Tech with M. Tech or MBA, BBA with MBA and BCA with MCA.

### DEGREE WITH SPECIALIZATION

A student can get Degree with specialization during his regular program, by carefully selecting a set of courses from a particular stream within the discipline,. Ex: B. Tech. Mechanical Engineering with specialization in Mechatronics and Robotics or MBA with Marketing & HRM or Finance or Technology Management.

### MINOR DEGREE

A student who completes five (5) additional courses from another discipline gets eligibility for the award of a minor degree in that discipline in addition to the degree he actually admits.

### CREDIT TRANSFER

Credit transfer from another University to K L University is permitted for undergraduate programs. However a student has to spend at least 50% of minimum course duration period at K L University.

### REPEATING A COURSE

A student is permitted to repeat a course for CGPA improvement.

### ACCELERATION

A student is permitted to register for more number of courses than normally prescribed by the University during the regular semester, to earn a Minor degree or Honors' degree.

### WITHDRAWAL AND SUBSTITUTION OF COURSE

A student can drop from a course within two weeks of commencement of class work and can choose a substitute course in place of it. In case of difficulty they can opt to register for a substitute in place of it in the next semester.

### ELECTIVE COURSE

The University offers a pool of electives viz., Open electives, Management electives & Core electives in all disciplines. Students are permitted to choose the elective courses within their own discipline and also across the disciplines.

### B. Tech WITH HONORS

A student is eligible for B. Tech Degree if S/he pursues 5 additional courses.

# RESEARCH



- At K L we lay great emphasis on Research and Development (R&D) and we focus on development of product/process oriented technologies for sustainable development.

- 31 faculty research groups, each headed by an eminent Professor

- These groups are actively involved in setting up of research centers and mobilizing research grants from funding agencies and consultancy projects from industries

- These projects are executed and disseminated through UG, PG & Doctoral students in the form of mini & major projects

### AWARDS AND HONORS

- 7 UGC Research Awards (Out of 100 given by UGC, Countrywide)

- 13 DST Fast Track Young Scientists

- 15 DST Women Scientists

- 36 Ongoing Sponsored Research Projects

### CENTERS OF EXCELLENCE AND RESEARCH LABS

- Four Centers of Excellence are established to promote research.



- Advanced Center for Energy Studies
- Advanced Studies in Atmospheric Sciences
- Center for Bio-Process Technology
- Center for Robotics and Mechatronics
- Our Atmospheric Sciences, Computer Science Engineering (CSE) Electronics and Communication Engineering (ECE) and Mechanical Engineering (ME) departments are recognized and funded by the Department of Science and Technology (DST) under "Fund for Improvement of S&T Infrastructure" (FIST).

### WHAT ARE THE ADVANTAGES YOU GET AS OUR STUDENT?

- Our university allows an Internal Funding @ Rs. 50,000 per faculty and Rs. 25,000 per student for every approved project
- Ours is a DSIR recognized institute
- 2940+ Research Publications in last 4 years
- Both for full time and part time scholars are given research programs for Ph.D degree and research guides.
- To our credit we have many Research Projects acquired in different areas of Science and Engineering worth Rs.1069 lakhs.

These are sponsored by various funding agencies as given below:

- Department of Science and Technology (DST)
- Department of Biotechnology (DBT)
- All India Council for Technical Education (AICTE)
- University Grants Commission (UGC)
- Indian Council of Medical Research (ICMR)
- Defense Research Development Organization (DRDO)
- Ministry of New and Renewable Energy (MNRE)
- Indian Space Research Organization (ISRO)
- ICSSR
- MOEF
- GTRE

# SKILLING

- Bridge the gap between academia and Industry
- Alignment of curriculum with industry requirements
- Workplace exposure through internships and corporate interactions
- Up-skilling the faculty



- Credited Course on Android Application Development Fundamentals.



- AWS Educate Program
- Cloud Computing 101
- Cloud Career Pathway



- Curriculum Integration for Java and Database courses



- Service Academic Partner Program (SNAPP)



- Salesforce trailhead
- Declartive Development for Platfrom APP Builders
- Programatic Development usinng Apex and Visual Force.

## SKILLING PARTNERS

# ENTREPRENEURSHIP

K L (Deemed to be University) has succeeded in building a state of the art entrepreneurial eco system towards next generation Entrepreneurs and set up a trademark model with a separate and dedicated Center for Innovation, Incubation and Entrepreneurship (CIIE) in the year 2013.

## VISION

Fostering the entrepreneurial culture amidst the students and creating entrepreneurs by continuous mentoring and training.

## MISSION

To bring a paradigm change in shaping young minds to be job creators from job seekers and thus rejuvenating the economy.

## OBJECTIVES OF CIIE

1. To foster the entrepreneurial culture among the students, faculty, staff of K L University & other stake holders through training and motivation.

2. To identify business opportunities and inculcate entrepreneurial competencies.

3. To organize Entrepreneurship Awareness Campaigns & Ideation programs to popularise Entrepreneurship.

4. To organize Student Development Programs aimed at promoting skill sets for emerging entrepreneur.

5. To be a Resource Center of all information pertaining to different business sectors.

6. To facilitate the students in transforming business ideas into successful ventures.

The institute has the mechanisms like start up seed fund for prototypes by the students in the premises. Allocation of a budget of 1.2 Crores for entrepreneurial activities has been on regular function of the annual budget with 50,00,000 as seed fund for developing prototypes. Startup Fest, Boot camps and Hackathons are the regular features of ongoing research activities.

## STARTUP FUND

- Courses on Entrepreneurship
- IP Related Activities & Partnerships
- Mentorship & Investor meets

## NETWORKING

K L CIIE facilitates the budding entrepreneurs unleash their potential by bestowing them an unrivalled network of seasonal business leaders who provide the key ingredients for entrepreneurial success and provide with customized services from a volunteer network of global mentors, advisors, connectors and Investors. K L partners with many eminent organizations and agencies:

- Entrepreneurship Development Center (EDC), IIM Ahmedabad
- Confederation of Indian Industry (CII), New Delhi
- Andhra Pradesh Innovation society (APIS), AP
- Association of Lady Entrepreneurs of India (ALEAP)
- Association for Innovation Development of Entrepreneurship in Agriculture) a-IDEA. NAARM, Hyd.
- Andhra Pradesh Technology Development Promotion Center (APTDC - CII)
- National Entrepreneurship Network (NEN)
- The Indus Entrepreneurs (TiE Amaravathi, AP)
- Andhra Pradesh State Skill Development Corporation (APSSDC - i2E)
- AP Chambers of Commerce and Industry Federation (AP Chambers)

## ACHIEVEMENTS

- Award of Department of Science & Technology (DST-NIDHI) Technology Business Incubator worth of 10.98 Crores
- Best International Award for NapLocks startup by North Eastern University, Boston, USA with $1000
- Best Women entrepreneur Award for BYB Startup by Startup India AP Yatra, with 55,000/-
- Best Innovative Technology Award for GoOffer Hyper Solutions Startup by startup India AP Yatra with 75,000/-
- Best Idea Award for Fopple Drones Startup by August Fest of IB Hubs, Hyderabad with 1,00,000/-
- Top Three Startup Venture for SuBrains by APSSDC i2E, AP with 15,000/-
- Most Promising and Innovative Entrepreneurship Center for K L CIIE by Praxis Media New Delhi
- Campus Entrepreneurship Award to K L University by StartAP Vizag, Andhra Pradesh
- Best Startup Idea under Technology Innovation to EE Modules startup by Y-Square Business Incubator, Vijayawada Andhra Pradesh

# CAMPUS LIFE

## WORLD CLASS SPORTS ARENAS & GYMS

## INTERNATIONAL FESTS

MAKERS SPACE

K L CAMPUS RADIO

15 HOBBY CLUBS

TEDx KLU

# LIBRARY

## CENTRAL LIBRARY

The Library system consists of Central Library and 17 Departmental libraries, which collectively support the teaching, research and extension activities.

## SERVICES

In additional to all general services, the Central Library provides various value added services including

- Circulation Service through RFID
- Web OPAC (Online Public Access Catalogue)
- Digital Library Service
- Resource Sharing (Inter Library Loan) Service
- Institutional Repository
- Standards Information
- Reference Service
- Multimedia Resource Service
- Photocopying Service
- NPTEL E-Learning Services
- Patents Information
- User Education Program

The Central Library of K L holds a large number of materials to serve the whole University community. It holds materials relevant to the Engineering, Science & Humanities courses offered by the University, and includes Architecture, Pharmacy, Law and specialist books and journals.

Electronic Databases include ASCE, ASME, IEEE, Springer, J-GATE (JET), J-GATE (JSMS), OUP, EBSCO Business Source Elite, EBSCO Art & Architecture, EBSCO Hospitality & Tourism Complete, Nature Biotechnology, ASTM, Mc.Graw Hill Access Engineering, CMIE, GREENR.

CENTRAL LIBRARY
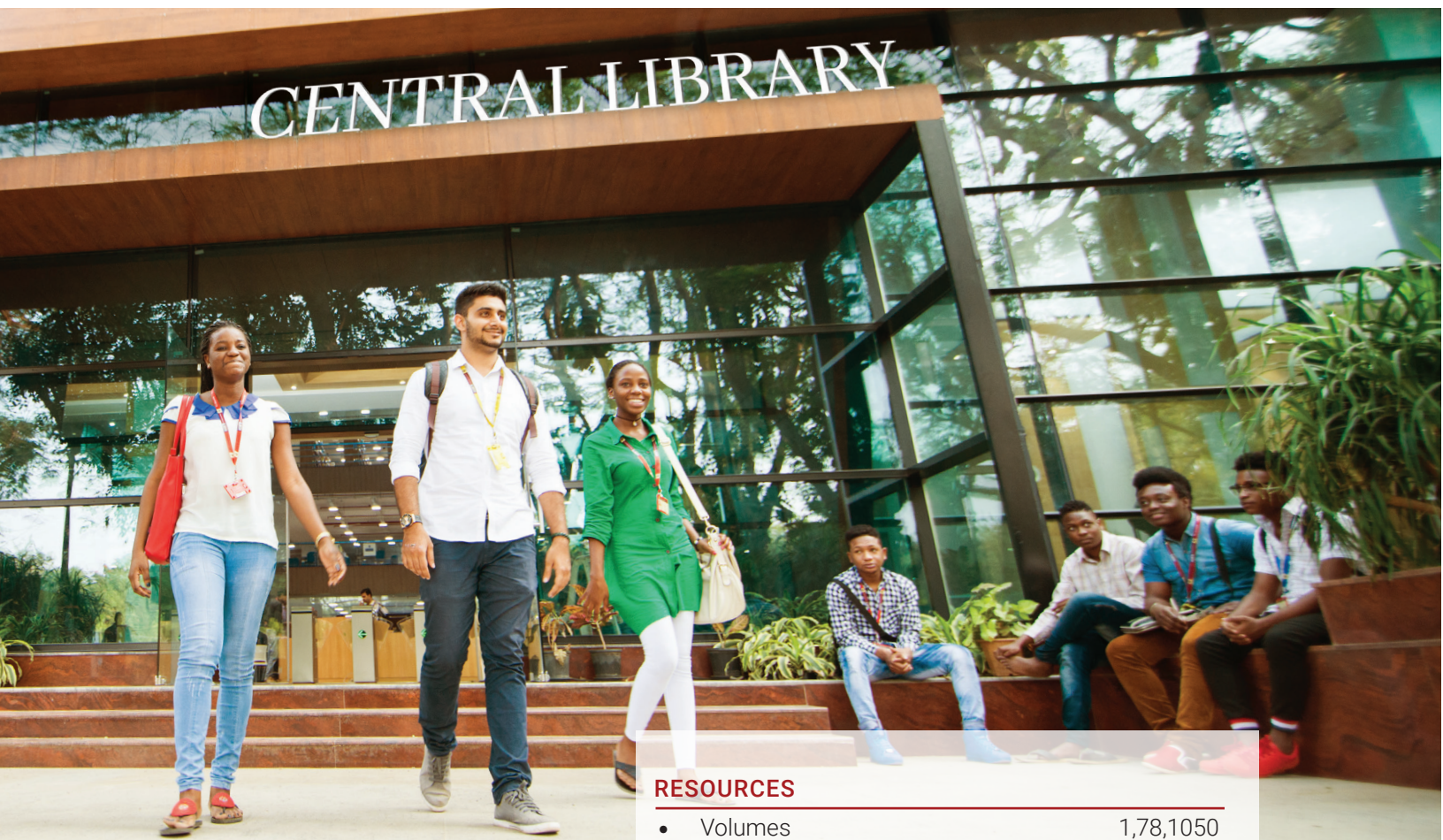


## RESOURCES

| | |
|---|---|
| • Volumes | 1,78,1050 |
| • Titles | 38,515 |
| • Back Volumes | 5,866 |
| • Project Reports | 6,210 |
| • CDs & VCDs | 10,849 |
| • Print Journals | 489 |
| • Reference Titles | 22,124 |
| • Reference Volumes | 30,605 |
| • e-Books | 32,98,166 |
| • NPTEL/SONET/MIT/ other Video Courses | 22,000 |
| • Ph.D. Theses | 109 |

# HOW TO APPLY

## ① APPLICATION

KLEEE is a National level Entrance and Scholarship Test for Candidates who seek admission into various Programmes in K L Deemed To Be University. This screening forms the basis on the merit of performance and Criteria.

**Buy Application packs for Rs.1,100/-**

The options for application are through online and offline Modes:

## ② ONLINE

Step 1   Students can download application form through our portal

Step 2   Fill it, upload documents & recent passport size photograph.

Step 3   Pay using online gateway.

## ③ OFFLINE

Step 1   Download application into PDF print format

Step 2   Fill details & take DD

Step 3   Mail directly to official address or submit it in your nearest centers

## CORRESPONDENCE ADDRESS

**Director (Admissions)**
K L University
29-36-38,
Museum Road,
**Vijayawada A.P. 520 002.**

**Director (Admissions)**
K L University
103, Parkview, 8-2-293/82/W/103,
Road # 7 D, Jubilee Hills,
**Hyderabad, Telangana 500033.**

## ELIGIBILITY

Candidates belonging to SC / ST / OBC / Differently Abled/Ex-Servicemen / Single Girl Child / Sports / NCC / ECA quota with

- **KLEEE Ranks 1-30000**
- **EAMCET (AP) Ranks 1-40000**
- **EAMCET (TS) Ranks 1-40000**
- **Qualified for JEE'19- Advanced**
- **IPE marks above 960/1000**

Note : Separate admission counselling  will be held in the 1st Week of June 2019 for the  following categories

- CBSE candidates with 9+ CGPA
- JEE Advanced rankers

Scan to Apply

## ADDITIONAL MERIT SCHOLARSHIPS

- Additional Merit Scholarships: Candidates with below qualifications are eligible for Additional Merit Scholarships.

| | | |
|---|---|---|
| **KLEEE** | : | **Ranks 1 to 750** |
| **JEE Mains** | : | **Marks 139 and above** |
| **EAMCET (AP)** | : | **Ranks 1 to 2000** |
| **EAMCET (TS)** | : | **Ranks 1 to 2000** |
| **IPE** | : | **980 and above** |

- All fee waiver / Concessions are given to students Semester wise only.

- Students availing fee waiver/Merit Scholarships from 2nd Semester to 8th semester are applicable only if they maintain "9 and above CGPA" in all semesters.

- Eligibility Criteria : Students need to have a minimum of 60% overall and in Group subjects (PCM / PCB ) Intermediate/ CBSE +2 / any State Board Exams.

## DOCUMENTS TO BE PRODUCED AT THE TIME OF COUNSELLING

1. Counselling call letter.

2. S.S.C marks memo/equivalent certificate.

3. 10+2 / Equivalent qualified exam marks memo and provisional certificate / pass certificate

4. Entrance examination hall ticket & rank card (KLEEE, JEE Advanced or EAMCET)

5. Transfer certificate (TC) and Conduct Certificate (CC)

6. Other certificates such as Sports/NCC/Ex-Service Men/ Single Girl Child/*Extra Curricular Activities (ECA) mentioned in the application

7. Caste certificate in case of OBC/SC/ST candidates and Differently Abled Certificate issued by relevant Medical Authority.

8. 6 Passport size colour photographs and two photocopies of Aadhar card

9. Two sets of photocopies of all the original certificates

**Note:** Candidates failing to submit the DD & Documents mentioned above at the time of counselling will have to forego their seat allotment.

**ENGINEERING**

**MANAGEMENT**

**PHARAMCY**

**ARCHITECTURE**

**FINE ARTS**

**LAW**

**SCIENCES**
**HUMANITIES**

# PROGRAMS OFFERED

# SCHOOL OF ENGINEERING

| | |
|---|---|
| **B.TECH** **4 YEARS** | Bio Technology |
| | Civil Engineering |
| | Computer Science Engineering |
| | Electronics and Communication Engineering |
| | Electronics and Computer Engineering |
| | Electrical and Electronics Engineering |
| | Mechanical Engineering |
| **M.TECH** **2 YEARS** | Bio Technology |
| | Structural Engineering |
| | Construction Technology & Management |
| | Geo Infomatics |
| | Computer Science and Engineering |
| | Machine Learning and Computing |
| | Mechanical Engineering |
| | Cyber Security  & Digital Forensics |
| | Radar & Communication |
| | VLSI |
| | Atmospheric Science |
| | Embedded Sysems |
| | Power Systems |
| | Power Electronics and Drives |
| | Thermal Engineering |
| | Robotics and Mechantronics |
| | Machine Design |

# SCHOOL OF PHARMACY

| | |
|---|---|
| **B.PHARM** **4 YEARS** | Bachelor of Pharmacy |

# SCHOOL OF ARCHITECTURE

| | |
|---|---|
| **B.ARCH** **5 YEARS** | Bachelor of Architecture |

# K L BUSINESS SCHOOL

| **BBA** **3 YEARS** | Entrepreneurship |
| | Business Analytics |
| | Managing MSME & Family Business |

| **MBA** **2 YEARS** | Finance |
| | Marketing |
| | HR |
| | Business Analytics |
| | Digital Marketing |
| | Supply Chain Management |

| **BBA-MBA** **(INTEGRATED PROGRAMME)** **5 YEARS** | Finance |
| | Marketing |
| | HR |
| | Business Analytics |
| | Digital Marketing |

# SCHOOL OF LAW

| **BBA- LLB** **5 YEARS** | Bachelor of Business Adminstration - LLB |

# SCHOOL OF SCIENCES & HUMANITIES

| **BA** **3 YEARS** | Bachelor of Arts |
| **MA** **2 YEARS** | M A English |
| **M Sc** **2 YEARS** | Applied Mathematics |
| | Physics |
| | Chemistry (Organic / Analtyical) |

# SCHOOL OF FINE ARTS

| **BSc** **3 YEARS** | Multimedia |
| **BFA** **4 YEARS** | Applied Arts and Crafts |

# SCHOOL OF COMMERCE

| **B Com** **3 YEARS** | ACCA Certification* |

# SCHOOL OF COMPUTER APPLICATIONS

| **BCA** **3 YEARS** | Bachelor of Computer Applications |

# BIOTECHNOLOGY

# BIOTECHNOLOGY

| Program **B.Tech (BT)** | Specializations |
|---|---|
| | • Bioinformatics |
| **Duration** | • Genetic Engineering |
| **4 Years** | • Industrial and Food Biotechnology |
| | • Medical Biotechnology |

| Program **M.Tech** | Specializations |
|---|---|
| | • Biotechnology |
| **Duration** | |
| **2 Years** | |

| Program **Ph.D** | Specializations |
|---|---|
| | • Bioinformatics |
| **Duration** | • Molecular Breeding and Markers |
| **Full time / Part time** | • Genomics and Proteomics |
| | • Algal Biofuels |
| | • Microbiology |
| | • Cancer Biology |
| | • Human Diseases |

## Faculty

| | |
|---|---|
| Ph.D Holders | 25 |
| Faculty Pursuing Ph.D | 3 |
| Total No. of Faculty | 28 |

## OVERVIEW

The department of Biotechnology was established in the year 2002 with an aim to link up life science with engineering technology. The Department is crowned with four Faculty members with Post-doctoral Fellowship from USA and Europe. The Department strives to cater to the needs of local and global requirements of pharma, food, agriculture and energy sectors through its curriculum.

## INFRASTRUCTURE

- Academic Laboratories
- Biochemistry
- Microbiology
- Immunology
- Genetic Engineering
- Plant tissue Culture
- Animal biotechnology
- Bioinformatics
- Chemical Engineering
- Bioprocess and Downstream Processing R&D
- The department is equipped with state of the art equipment like HPLC, GC, FTIR, Real time PCR, Fermentors , Flouresent Microscopes etc...

## SALIENT FEATURES

- Sophisticated Laboratories, Library and other state-of-the art infrastructure to pursue the program.
- Three faculty members who received DST Fast track Young Scientist Award.
- Three faculty members honored with UGC Research award.
- Three Women Scientists awarded by DST.
- 14 Sponsored research Projects received from Govt. agencies like DBT, DST and UGC worth 3 Crores.
- Faculty members have filed six patents.
- Full length courses by faculty from foreign Universities.
- International research collaborations with University of Oxford, University of Georgia and New Mexico State University.
- State of the art Bioinformatics laboratory with Molecular Modeling and Drug Designing software from Schrodinger.
- MoU with Biotech industries for Collaborative research, Consultancy and Practice School.
- Students association, 'BETA', conducts co-curricular, extra-curricular and extension activities for all round development of students.
- Conducts National & International Conferences in association with Professional Societies at regular intervals.
- Intel group has selected one of the students with their prestigious award titled "Innovators of Tomorrow". Paper publication in reputed journals by under graduate and PG students.

## FOCUSED AREAS OF RESEARCH

- Algal Biofuels and Neutraceuticals.
- Molecular characterization of plant Glycosidase
- Marker assistance breeding for Resistant Plant varieties.
- Insilco approaches for cognitive diseases through Docking
- Nanodrug particle synthesis and delivery against Cancer.
- Probiotic development for Diabetes and Obesity management
- Glyco-biology and PAH degradation

## RESEARCH CENTERS

- Center for Bioprocess Technology
- Center for Genomics and Proteomics

## PATENTS

Department faculty filed 6 Patents (1 International and 5 National).

## FUNDED PROJECTS

14 Sponsored Projects from funding agencies like DBT, DST and UGC worth 3 Crores.

| | | |
|---|---|---|
| Completed Project | : | 7 ( 81.96 Lakh Rupees ) |
| Ongoing Projects | : | 7 ( 223.4 Lakh Rupees ) |

### PAPER PUBLICATIONS

During the last five years more than 152 Research papers (Faculty) and 58 papers (Students) have been published in peer reviewed journals.

### RESEARCH CLUB

To encourage the involvement of student Research, a club is associated with Department. Club events are organized by students

### CO & EXTRA CURRICULAR ACTIVITIES

Conducting Seminars, Workshops and Technical Presentations, Guest Lectures, Orientation lectures, Field trips, Industrial Training, Summer Interns and Certificate Course Programs have been a regular feature of the department. The department is an active member of Society for Biological Engineers.

### PROGRESSION TO HIGHER STUDIES

40% of the students pursue MS Program in all streams of Biotechnology in the USA, UK and Europe and higher studies in India

### SCOPE OF EMPLOYMENT

The Major sector where biotech graduates can find employment includes the health care industry, Pharma industry, Drug Design and Molecular Modeling, IT Industry, Electronics and communication sector, Biomaterials designing, biomedical imaging technologies, hospitals, agriculture, environmental and aquaculture sectors, vaccine Production plants, Food and beverage industries etc.,. Placements in leading core companies like Shantha Biotech, Biocon, Reddy's Labs, Divis Labs, Reliance Life Sciences, Bharat Biotech and BE etc., and Software companies like TCS, Infosys, CTS and Wipro.

# CIVIL ENGINEERING

## CIVIL ENGINEERING

| Program **B.Tech (CE)** | Specializations |
|---|---|
| | • Structural Engineering |
| **Duration** **4 Years** | • Environmental & Water Resources Engineering |
| | • Geotechnical Engineering |
| | • Transportation Engineering |

| Program **M.Tech** | Specializations |
|---|---|
| | • Structural Engineering |
| **Duration** **2 Years** | • Construction technology & Management |
| | • Geo Informatics |

| Program **Ph.D** | Specializations |
|---|---|
| | • Civil Engineering |
| **Duration** **Full time / Part time** | |

| Faculty | |
|---|---|
| Ph.D Holders | 17 |
| Faculty Pursuing Ph.D | 22 |
| Masters | 13 |
| **Total No. of Faculty** | **52** |

### OVERVIEW

The department of Civil Engineering was established in the year 1980. The department has grown by leaps and bounds along with its parent institution, and turned out 34 batches of competent Civil Engineers. Students are not only made experts in technical aspects but also in interpersonal skills, a vital ingredient for them to excel in the fast paced world.

### FOCUSED AREAS OF RESEARCH

- Cement concrete composites, Geo polymers, performance Study of Structural Elements
- High volume fly ash concrete
- Water shed management
- Solid waste management
- Ground water hydrology
- Highway engineering
- Geo Technical Earthquake Engineering
- GIS & Remote Sensing

### PROGRESSION TO THE HIGHER STUDIES

Faculty of the department continuously develop relationship with foreign professors, professors from IITs and NITs through joint research, participation in international conferences etc. 25% of the graduating students of the department progress into MS/M.Tech programs offered by foreign Universities, IITs and NITs.

# COMPUTER SCIENCE & ENGINEERING

# COMPUTER SCIENCE AND ENGINEERING

| Program **B.Tech (CSE)** | Specializations |
|---|---|
| | • Software Engineering |
| | • Computational Science |
| | • Cloud Computing |
| **Duration** **4 Years** | • Big Data Analytics |
| | • Artificial Intelligence |
| | • Cyber Security |
| | • Network Communications |
| | • Internet of Things |
| **B.Tech** (Minor Degree) | • Minor Degree in Computing |
| **B.Tech** (HONS.) | • Honors Degree in CSE |

| Program **M.Tech** | Specializations |
|---|---|
| | • Computer Science & Engineering |
| **Duration** **2 Years** | • Machine Learning & Computing |
| | • Cyber Security & Digital Forensics |

| Program **Ph.D** | Specializations |
|---|---|
| **Duration** **Full time / Part time** | • All the specializations referreed above |

## OVERVIEW

The department offers a number of academic flexibilities for the students to choose from and frame their career in the fields of their own interest. The programs are designed with the main objective of making the student adapt to latest technologies and specializations and become industry ready.

## GENESIS

The Department was formed in the year 1983. It provides an outstanding academic environment complemented by innovative research. The department is associated with Salesforce, Amazon Web Services (AWS), IBM, Oracle, SAP, CISCO and VMWare for its sufficiency of training and development undertaken for recruiting the students.

## FACULTY

The department has a perfect blend of eminent faculty derived from Academia, Industry and research organizations.

| Faculty | |
|---|---|
| Ph.D Holders | 113 |
| Faculty Pursuing Ph.D | 123 |
| Masters | 49 |
| **Total No. of Faculty** | **285** |

## SALIENT FEATURES

- Academics are targeted in achieving the industry centric competencies.

- E-learning facility to get the course related content for all students.

- Active Collaboration and interaction with international Universities & Industries.

- Consultancy services to needy industries and institutions.

- Syllabus implementation and Revision as per the industry needs.

- Technology enrichment through Certification program in association with IBM, Microsoft, Oracle, Cisco and Sales Force

- Research into class rooms through academic delivery.

- Involvement of students into research projects.

- Conduct of regular extra-curricular activities that include participations in sports and games, Student federation based activities,

- Cultural, fine arts and society development activities.

- Availability of ambience for incubating the innovative ideas through incubation center.

- Publication of Half yearly "International Journal of Systems & Technologies"

- Participation of the student at National and international events.

- Availability of super computer that enables parallel computing thorough virtual cloud.

- Availability of infrastructure and expertise for development of mobile applications.

- Organizing annual national level technical student's symposium.

- Availability of top IT professionals who are the alumni of the department.

- Conducting International conferences at regular intervals.

- Full length courses by faculty from foreign Universities.

- Participation of students in Naplocks, ACM ICPC and other prestigious coding competitions.

- Conducting National Conference for Women at Regular Intervals

- Seven Technology clubs like Gaming, Artificial Intelligence, Ethical Hacking, Block Chain, Drone, Data Science and Developers club are in operation.

## INFRASTRUCTURE

### CLASS ROOMS

The department has adequate ICT (Information communication technologies) enabled class rooms which cater to different modes of teaching including Audio, and Video conferencing and class room connect.

### ACADEMIC LABS

The Department has established 20 LABS equipped with latest high end hardware and software for making students practice theoretical concepts. The students practice in the labs through the execution of real life projects which are society focused.

## ADVANCED LABORATORIES WITH INDUSTRY COLLABORATION

- Sales Force
- IBM Center of Excellence
- CISCO Networking Academy
- Service Now
- PEGA
- eSF Labs

## FOCUSED AREAS OF RESEARCH & RESEARCH CENTERS

- Artificial Intelligence and Machine Learning
- Cloud Computing
- Big Data Analytics
- Cyber Security
- Internet of Things

## PAPER PUBLICATIONS

Faculty of the department have published and presented 600+ papers during the past 4 years in reputed journals and conferences.

## PLACEMENTS

The following companies visit every year providing placements to our students

- Informatica
- Salesforce
- TCS Digital
- Deloitte
- Service Now
- Ivy Comptech
- *PEGA Systems
- Darwin Box
- Hansa Solutions
- Technovert
- ADTRON
- Hyundai Mobis
- ZOHO
- IBM
- GGK
- Infosys
- Wipro
- Cognizant Technologies

# ELECTRONICS & COMMUNICATION ENGINEERING

# ELECTRONICS AND COMMUNICATION ENGINEERING

| Program | Specializations |
|---------|-----------------|
| **B.Tech (ECE)** | • Electronics & Communication Engineering |
| **Duration** | |
| **4 Years** | |

| Program | Specializations |
|---------|-----------------|
| **M.Tech** | • Very Large Scale Integration (VLSI) |
| **Duration** | • Communication & Radar System (C&R) |
| **2 Years** | |

| Program | Specializations |
|---------|-----------------|
| **Ph.D** | • Electronics & Communication Engineering |
| **Duration** | |
| **Full time / Part time** | |

| Faculty | |
|---------|-----|
| Ph.D Holders | 87 |
| Faculty Pursuing Ph.D | 121 |
| Masters | 26 |
| **Total No. of Faculty** | **234** |

## OVERVIEW

Creative problem solving and change leadership all play a major role in today's workplace. Professional success is linked to the ability to master innovation, to operate as an opportunity finder, and to lead change. That's why Department of Electronics & Communication Engineering (ECE) at K L places such a strong emphasis on developing original thinking in future engineers.

## LABORATORIES

The Department has various state-of-the art laboratories including a Computer center, Antenna test facility etc., which are equipped to the highest level of sophistication and cater to the needs of UG & PG students. The Students have full and free access to software/tools like

- **LABVIEW**
- **OCTAVE**
- **MCU51 IDC**
- **ELECTRIC CCS**
- **XILINX**

- **LOGISIM**
- **MULTISIM**
- **MENTOR GRAPHICS**
- **CODE COMPOSER STUDIO**
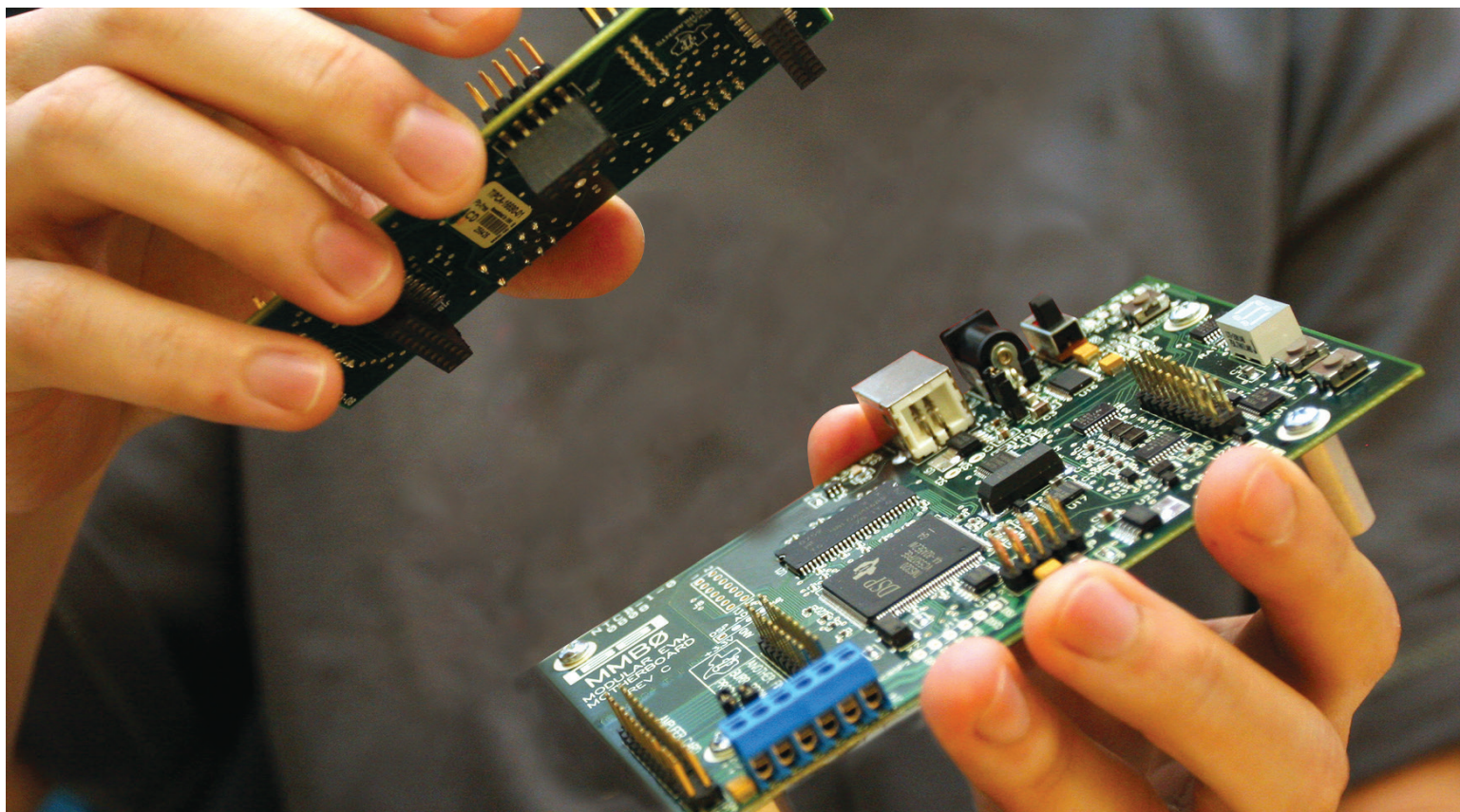
There is an emphasis on PRACTICAL ORIENTATION of the students towards Engineering field which has led to the concept of OPEN LABs and PROJECT BASED LABS in the Department. The students have OPEN access to all the laboratories from 7.00 a.m to 7.00 p.m which they can utilize to explore beyond the curriculum and experiment on innovative thoughts / ideas. The students are associated with laboratory with a view of transferring the knowledge gained in the laboratory into a full-fledged project at the end.

## RESEARCH

The Department has 12 crores worth of Sponsored projects from DST, DLRL, ISRO, DEAL and others in the following areas

- RF, Microwave & Antennas
- Communications
- Signal Processing
- Embedded Systems & VLSI
- Micro Electronic Mechanical Systems

## RESEARCH CENTERS

Department of ECE has a total of 7 research centers where student projects, mini projects & outsourced projects.

- Centre for Applied Research in Electromagnetics (CARE)
- Antennas and Liquid Crystal Research Centre (ALRC)
- Space Technology and Atmospheric Research Centre (STAR)
- Applied Signal Processing Research Centre (ASPC)
- Infrared Imaging Research Centre (IIMC)
- Multimedia and Vision Computing Research Centre (MVCC)
- Microelectronic Mechanical Systems Research Centre (MEMS)

Department's academic calendar is highlighted by regular seminars, group discussions, student paper contests, Industry Alliance and Student Personality Development Programs for all round development of students in National & International events.

## SALIENT FEATURES

Department is recognized by Department of Science and Technology under FIST program. Department has organized four International conferences under the aegis of RSPS – 2008, RSPS-2010, RSPS 2013 and SPACES 2015. Creative problem solving and change leadership all play a major role in today's workplace. Professional success is linked to the ability to master innovation, to operate as an opportunity finder, and to lead change. That's why Department of Electronics & Communication Engineering (ECE) at K L places such a strong emphasis on developing original thinking in future engineers.

- 1500+ International Journal papers, 200+ National Journal papers, 600+ International Conference papers and 150+ National Conference papers by the faculty.

- Electronic Project Exhibition, Technovation, a National level student paper presentation contest is conducted every year. UG and PG students are encouraged to involve in the execution of ongoing research projects.

- Certificate courses in advanced areas are conducted every semester. Faculty from Foreign universities are involved in regular teaching activity. Student associations namely 'Pulse' to conduct technical events and 'Hope' to conduct social service activities.

- Scope for Employment Industries working in the area of wireless communications and signal processing, micro and nano electronics, lasers and optics, electronic devices, telecommunications, nanotechnology, robotics, information systems, computer software, hardware integration, control systems, and other advanced technologies.

- Placement in leading core communication companies like Amphenol Antennas, BSNL, MTNL, Reliance Communications, Tata Telecom, Hutch, Bharti Telecom, Nokia, CISCO, IBM, Intel, Agilent, Alcatel, AT & T Ericsson, Honeywell, Bosch, National Instruments, Texas Instruments, HCL and others.

# ELECTRONICS & COMPUTER ENGINEERING

# ELECTRONICS AND COMPUTER ENGINEERING

| Program **B.Tech (ECM)** | Specializations |
|---|---|
| | • Embedded Systems |
| **Duration** **4 Years** | • Cyber Security |
| | • Internet of Things |
| | • Web Technologies |

| Program **M.Tech** | Specializations |
|---|---|
| | • Embedded Systems |
| **Duration** **2 Years** | |

| Program **Ph.D** | |
|---|---|
| **Duration** **Full time / Part time** | |

### Faculty

| | |
|---|---|
| Ph.D Holders | 12 |
| Faculty Pursuing Ph.D | 15 |
| Masters | 7 |
| **Total No. of Faculty** | **34** |

## OVERVIEW

The Department of Electronics and Computer Engineering was started in the academic year 1999 – 2000. This department is interdisciplinary, offering UG program-B.Tech (Electronics and Computer Engineering), PG Program- (M.Tech Embedded Systems) along with Ph.D in Electronics and Computer Science Engineering.

The Department has a well equipped Embedded Systems Lab, and DST Sponsored Internet of Things (IoT) Research Lab, State-of-the art Computer Centre. The Department is sponsored by DST-FIST grant and achieved good academic progress along with 100% placements last year also. Apart from academics, the students also excelled in sports and other extra-curricular activities.

Active research is going on in Embedded Systems, Internet of Things (IoT), and Cyber Security. MOU's are signed with organizations like CDAC, AMD, Orange Research Labs and PanTech to take up collaborative projects and research to cater the needs of faculty, students and the society at large.
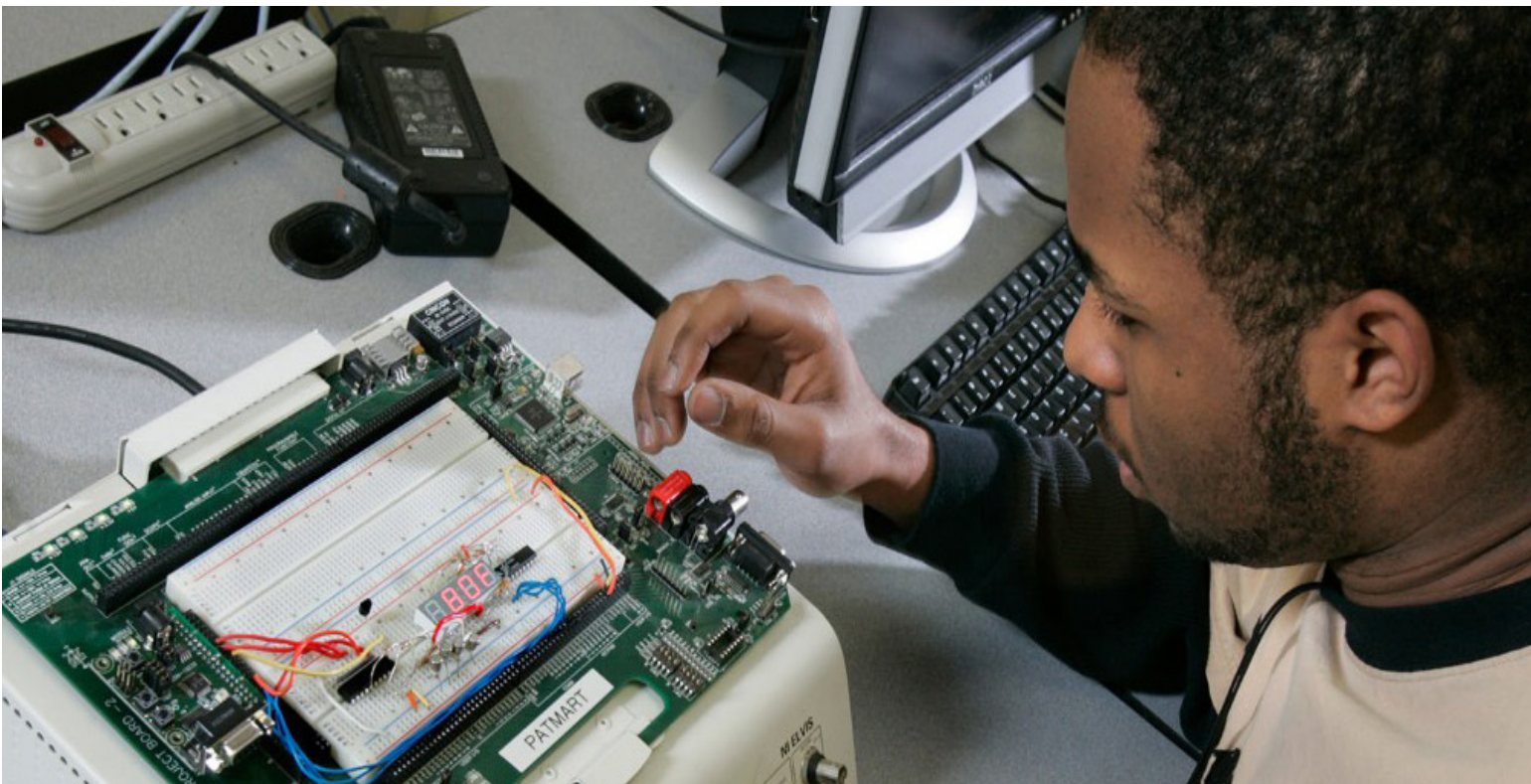
## SALIENT FEATURES

- Active Collaboration with International Universities and IT Companies.

- Technology enrichment through Certification programs in association with IBM, Microsoft, Cisco, Adobe, Oracle and HP.

- Conduction of regular co-curricular activities that include seminars, guest lectures, webinars, group discussions, skill development courses and mock interviews.

- Student association "ESSENCE" acts as forum for students to present their skills, both technical and non-technical.

- Conduction of regular extra – curricular activities that include participation in sports and games, student association, cultural, fine arts, and society development activities.

- Availability of ambiance for incubating the innovative ideas through incubation center.

- Preparing the students to make them ready to be Entrepreneurs.

- Availability of infrastructure and expertise for development of mobile, embedded and sensor applications.

- Organizing Annual National level Technical student Symposium "THRUSANG".

## INFRASTRUCTURE

The following are the physical labs established in the department.

- Embedded Systems Lab

- Microprocessors & Microcontrollers Lab

- Basic Electronics Lab

- Digital Electronics Lab

- Computer Center

- Internet Of Things (IoT) Lab (Sponsored by FIST)

- Special Labs in Association with major industries

Department has state of art labs such as Microsoft Innovation Center, IBM Center of Excellence, NI Labview Academy, Xilinx ,CISCO Networking Lab, Oracle Center, and ADOBE Multimedia Lab
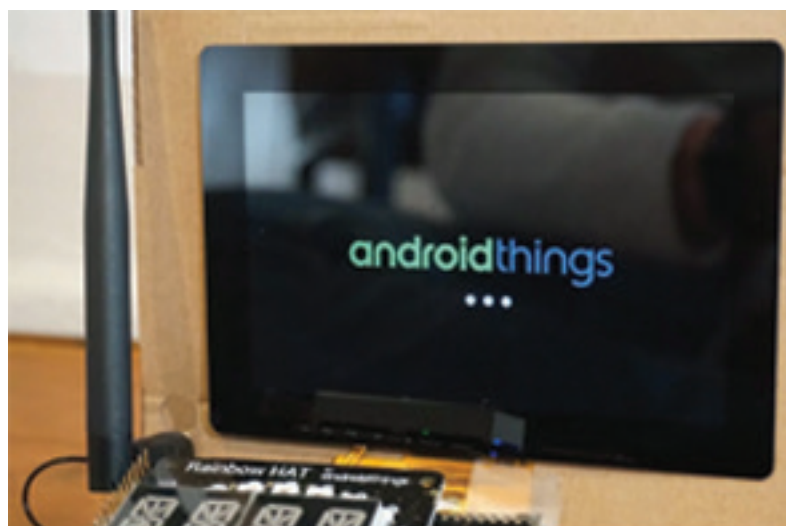
## RESEARCH

The department has been conducting focused research in the specialized areas like Digital Forensics, Sensor networks protocols, web services, Data mining, Remote monitoring and controlling of embedded systems, Testing and Networking of embedded systems, IoT and Cyber Security.

## RESEARCH CENTERS

The department has advanced research centers in the areas of embedded systems, IoT and Cyber Security.

## PAPER PUBLICATIONS

Faculty of the department have published and presented more than 550 papers in reputed National/ International journals and conferences.

## EXTERNAL SPONSORED PROJECTS

The department is presently undertaking sponsored research projects in the field of securing embedded systems and wireless sensor networks IoT from DST and other funding agencies.

## PLACEMENTS

The students are absorbed in industries working in the area of wireless communications, electronic devices, robotics, information systems, computer software and hardware integration.

Recruiters in the communication arena which include BSNL, MTNL, Reliance communications, Tata Telecom, Hutch, Airtel, Nokia, CISCO, IBM, Intel, Agilent, Alcatel, AT& T Ericsson, Honeywell, Bosch, National Instruments, Texas Instruments, HCL etc., have been selecting the students of ECM discipline. The department stands tall with percentage of students selected for the jobs offered by various software companies like Osmosys, IBM, Virtusa, HCL, Mphasis, Tech Mahindra, Wipro, Infosys, CTS, IGATE, Genpact, PB systems, TCS, DSL Technologies, ADP, Caritor, Oracle, Accenture, Slash Support etc.

## PROGRESSION TO THE HIGHER STUDIES

Faculty of the department continuously develop understanding with foreign professors through joint research, participation in International conferences etc. 25% of the graduating students of the department progress into MS programs either in Computer Science/Electronics offered by Indian and Foreign Universities/ Institutes.

# ELECTRICAL & ELECTRONICS ENGINEERING

# ELECTRICAL & ELECTRONICS ENGINEERING

| Program **B.Tech (EEE)** | Specializations |
|---|---|
| | • Control systems |
| **Duration** **4 Years** | • Energy Systems |
| | • Power Electronics |
| | • Power Systems |
| | • Digital Systems |

| Program **M.Tech** | Specializations |
|---|---|
| | • Power Systems |
| **Duration** **2 Years** | • Power Electronics & Drives |

| Program **Ph.D** | Specializations |
|---|---|
| | • Power Systems |
| **Duration** **Full time / Part time** | • Power Electronics & Drives |

### Faculty

| | |
|---|---|
| Ph.D Holders | 15 |
| Faculty Pursuing Ph.D | 12 |
| Masters | 2 |
| **Total No. of Faculty** | **29** |

## OVERVIEW

The Department was established in the year 1995 and was accredited by NBA in 2004 for three years and reaccredited for five year in the year 2007. The academic strength of the department is reflected by its alumni, many of whom are in key positions in industry and academia both in India and abroad.

The Department offers a number of academic flexibilities for the students to choose from and frame their career in the fields of their own interest. The programs are designed with the main objective of making students adapt to latest technologies and specializations and become industry ready.

## FACULTY

The Department has been a perfect blend of eminent faculty drawn from Academia, Industry and Research organizations

## SALIENT FEATURES

The syllabi of the Courses are continuously updated and the laboratories are modernized to reflect the rapid changes in Technology

- Project based laboratory in all core courses
- Research problems as assignments
- Regular webinars by Foreign Professors
- Academics are targeted to achieve industry centric competencies
- Open Electives from other branches of Engineering, Management, Fine Arts, Commerce etc.,
- Active collaboration with International Universities and R & D Organizations
- Technology enrichment through certification programs
- Conduction of regular co-curricular activities that include seminars, guest lectures, webinars, group discussions, skill development courses, mock interviews etc.,

## RESEARCH

### AREAS OF RESEARCH

The Department has been conducting focused research in fields of Power Systems, Power Electronics & Drives, Control Systems and Energy Systems

### FUNDED PROJECTS

The Department has seven sponsored research projects from DST, AICTE and other funding agencies.

### PAPER PUBLICATION

The Department publishes their finding in collaboration with internationally renowned researchers working in the similar areas, in the reputed Research Journals and selected International Conferences. The faculty have published 250 publications in Indexed Journals & Conferences.

Department conducts National & International Conferences at regular intervals in association with Professional Societies like IEEE etc.

Extra curricular activities: The department has extended various co curricular activities through the bodies like SPARK, Women in Engineering (WIE-IEEE) and Helping Hands.

## INFRASTRUCTURE
## ACADEMIC LABS

The department has established the following labs

- Electrical Networks Lab
- Electrical Machines Lab
- Electrical Measurements Lab
- Control Systems Lab
- Power Systems Lab
- Power Electronics Lab
- Electrical Drives Lab
- Electrical Simulation Lab

- Microprocessors and Microcontrollers Lab
- Analog Circuits Lab
- Digital Electronics Lab

## SCOPE OF EMPLOYMENT

Students get employability in public and private companies in Electrical & Electronics sectors, various R&D Organizations and other IT based organizations. Students of EEE are carrying out internship and getting placements in Core organizations like Crompton Greaves, Electrical Research & Development Association (ERDA), BHEL, CPRI, DRDL, DRDO, Dr. NTTPS, Amara Raja Batteries Limited etc., and software companies like UHG, TCS, CTS, Wipro, Infosys, IBM etc,.

## PROGRESSION TO THE HIGHER STUDIES

20% of the graduating students of the Department progress into M.Tech./MS programs offered by Indian / foreign Universities & Institutions.

## ADVANCED LABS WITH INDUSTRY COLLABORATION

- Microsoft Innovation Center
- NI Labview Academy

# MECHANICAL ENGINEERING

## MECHANICAL ENGINEERING

| Program **B.Tech (ME)** | Specializations |
|---|---|
| | • Machine Design |
| | • Strategic Manufacturing |
| **Duration** | • Automobile Engineering |
| **4 Years** | • Robotics & Mechatronics |
| | • Autotronics |
| | • Soft Computing & Data Analytics |

| Program **M.Tech** | Specializations |
|---|---|
| | • Robotics & Mechatronics |
| | • Machine Design |
| **Duration** | • Thermal Engineering |
| **2 Years** | • Computer Integrated Manufacturing |
| | • Automobile Engineering & Autotronics |

| Program **Ph.D** | Specializations |
|---|---|
| | • In allied areas of Design, Thermal and Robotics & Mechatronics |
| **Duration** | |
| **Full time / Part time** | |

| Faculty | |
|---|---|
| Ph.D Holders | 41 |
| Faculty Pursuing Ph.D | 40 |
| Masters | 29 |
| **Total No. of Faculty** | **110** |

## OVERVIEW

The Department was established in the year 1980. The department has 110 faculty, of which 41 are having Ph.D and remaining are pursuing their Ph.D., average teaching experience of the faculty is 12 + Years.

The department and K L are part of The Vijayawada Auto Cluster and CII-Vijayawada zone, wherein students, faculty, technicians are having mutual sharing of expertise from automobile and other allied core Mechanical Engineering industries of the Vijayawada region. The Department is Sponsored by FIST scheme of DST.

## FACUTLY

The faculty is categorized into 3 Groups vis. a vis.

- Design & Manufacturing

- Robotics & Mechatronics

- Energy & CFD based on their specialization and research interests to cater the needs of students and research scholars.

## SALIENT FEATURES

- Funded by FIST scheme of DST and established Center of Excellence in Robotics and Mechatronics.
- Academics are targeted towards preparing tailor made students for the industries. .
- Active Collaboration with foreign Universities & Industries.
- Consultancy services to major industries like NSTL.
- Active Student involvement in research projects of the faculty.
- Availability of ambiance for incubating the innovative ideas through incubation center.
- Participation of students at National and international events like SAE, HVC, ASME, FMAE, ISHRAE, GO KARTING, QUAD BIKE etc.
- Organizing annual national level technical student's symposium, workshops and seminars (YANTRIK)
- Conducting National and International conferences alternatively every year.
- Full length courses by faculty from foreign Universities.

## FACILITIES IN THE DEPARTMENT:

### LABORATORIES

- Thermal Engineering
- Fluid Mechanics & Hydraulic Machines
- Machine Tools
- CAD /CAM
- Metallurgy

### RESEARCH CENTERS

- Vibrations Control and Condition Monitoring Centre.
- Center under industry collaboration with Altair Engineering inc.
- Center of excellence in Robotics & Mechatronics
- NISA Design Center in collaboration with Cranes Software Solutions Ltd.
- SAP Center in association with SEED Infotech.

### TEACHING LEARNING RESOURCES

- Students are trained in various softwares viz;  MATLAB, HyperWorks, ANSYS, Pro/Engineer, CFD-FLUENT, SolidWorks, ADAMS, NASTRAN, NISA, CATIA, Autodesk.

## RESEARCH

The areas of expertise in the department include: Rotor Dynamics, Non Linear and Higher order Vibrations, Condition Monitoring, Robotics, Alternate Fuels, Renewable Energy Resources, Supply Chain Management and Smart Materials including Composites, Mechatronics Systems design The department faculty are currently handling Sponsored projects worth INR 5.58 Crores from various Govt.of India agencies. . Faculty of the department have published 405 articles in various journals of national & international repute. The department has campus chapters of professional societies viz., ASME, SAE, ISHRAE, ISIE and also has a Mechanical Engineering Students Club. The Department has signed MOU's with Paddle Shift, Cyient Technologies, Honeywell Automation India Limited, Siemens India Limited, FMC Technologies India, Kirloskar Oil Engines Ltd, ABB, John Deere, Hundai Motors Indian Ltd.

## CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

The Department has students association, MESA (Mechanical Engineers Students Association) The department organizes National Level Competitions in Association with professional societies like ASME, SAE, ISHRAE and ISIE. Students fabricated SAE-baja car, SAE-Supra car, SAE-ebaja car, HPVC Vehicles, GoKart car (ISIE-INDIA), Formula Bharath car and represented various national level competitions.

## PROGRESSION TO HIGHER STUDIES/PLACEMENTS

22% of graduating engineers are pursuing their higher education in various Universities abroad and within India 78% students are getting employed annually through campus placements

## SCOPE OF EMPLOYMENT

Students of the department have been placed in various companies like:

- FMC
- Infotech
- NTT Data
- Hyundai
- Thermax
- Bombardier
- Seimens
- Satyam Ventures
- Technip
- Tech Mahindra
- Amarraja Batteries
- Global Logic
- Cyient
- Airbus
- ABB
- TCS
- Wipro
- Infosys
- Thermodyne
- UTC Aerospace
- Boeing
- Mercedes Benz

From 2018-19 academic year onwards, department has signed MoU's with twelve industries in areas of Automobile Engineering, Autotronics, Mechatronics Strategic Manufacturing and Engineering Design for providing industry based curriculum and syllabus for B.Tech. and M.Tech. programs and training/ certification and placement of students in each of these sectors of specific choice of students. Thus strategic placement oriented acedemics and training is ensured to be achieved.

# MANAGEMENT
## K L BUSINESS SCHOOL

## K L BUSINESS SCHOOL

| Program | Functional Electives |
|---|---|
| **MBA** | • Marketing |
| | • Finance |
| **Duration** | • HRM |
| **2 Years** | • Business Analytics |
| | • Digital Marketing |
| | • Supply Chain Management |

| Program | Functional Electives |
|---|---|
| **BBA** | • Logistic Chain Management |
| **Duration** | |
| **3 Years** | |

| Program |
|---|
| **BBA-MBA** |
| **Duration** |
| **Full time / Part time** |

### Faculty

| | |
|---|---|
| Ph.D Holders | 51 |
| Faculty Pursuing Ph.D | 20 |
| Masters | 9 |
| **Total No. of Faculty** | **80** |

## OVERVIEW

The K L Business School (KLBS) commenced its operations in 2009 and has been consistently pursuing its mission of excellence with great zeal and perseverance in the discipline of management, commerce education and research since then. The objectives of KLBS include development of professional managers and research consultants in Marketing, Economics Finance & Accounting, HRM, Business Analytics and Digital Marketing for the corporate world in several verticals. The industry empowered curriculum strives to impart students the necessary knowledge, managerial skills and decision making abilities coupled with right attitude. Management professionals need dynamism, innovation, creativity and entrepreneurial instincts which KLBS stands committed to provide. World class infra structure, best in class industry training, highly competent academicians with research and industry background stands tall as KLBS' Hallmarks.

BBA (Logistics) Program is offered from the Academic year 2019-20 in association with Logistics Sector Skill Council (LSC), Skill India, Ministry of HRD with the primary objective of creating adequate skills for gainful employment at supervisory/managerial levels in Logistics Industry, Duration of the program is six semesters with academic delivery in every odd semester (3 Semesters) and practical component in the form of apprenticeship training in even semesters (3 Semesters). This apprenticeship based UG Program will help the students to gain industry experience while earning a handsome stipend during the BBA Program, Students who graduate in this program are assured of 100% Placements in Supply Chain & Logistics Industry by Logistics Skill Council.

## OVERVIEW

- To nurture young students to be effective managers capable of contributing value to organizations.
- To contribute to the body of knowledge through research and publications.
- To provide consultancy to industry for value creation by applying contemporary management concepts, theories and practices.
- To be a socially responsible business management and commerce education provider.
- Academics @ KLBS: A Learning Curve with placement edge
- The academic culture and creative pedagogy adopted by KLBS encourages independent thinking and helps the students in developing holistic perspectives, strong domain knowledge, contemporary skill-sets and positive attitudes. KLBS has maneuvered to orchestrate different learning levels to shift students' progression from understanding to design.

## HALLMARKS OF K LBS

- Case Based Learning
- Flexible Academic Structure
- 360 degrees Active Learning
- Management Research Projects
- Center for Excellence in Leadership Development
- Centre for Data Analytics
- SAP ERP Certification
- Summer Internship Program with target orientation
- Simulations & Role plays

## THE MBA PROGRAM

The Master of Business Administration (MBA) Program of the University prepares the students with the skills, knowledge and strategic perspectives essential to the leadership of business anywhere in the world. The MBA Program is designed to provide both portfolio of strong functional skills and the ability to apply, adapt and integrate those skills in different management settings.

## FUNCTIONAL ELECTIVE COURSES

- Marketing
- Finance
- HRM
- Business Analytics
- Digital Marketing
- Supply Chain Management

## SECTORAL ELECTIVE COURSES

- Retail
- Banking
- Foreign Trade
- Information Technology
- Healthcare Management
- Pharma Marketing
- Rural and Agricultural Management
- Insurance

## PLACEMENTS

At K L Business School 100% placement record has been a consistent deliverable for the last 7 years for all registered and eligible candidates.
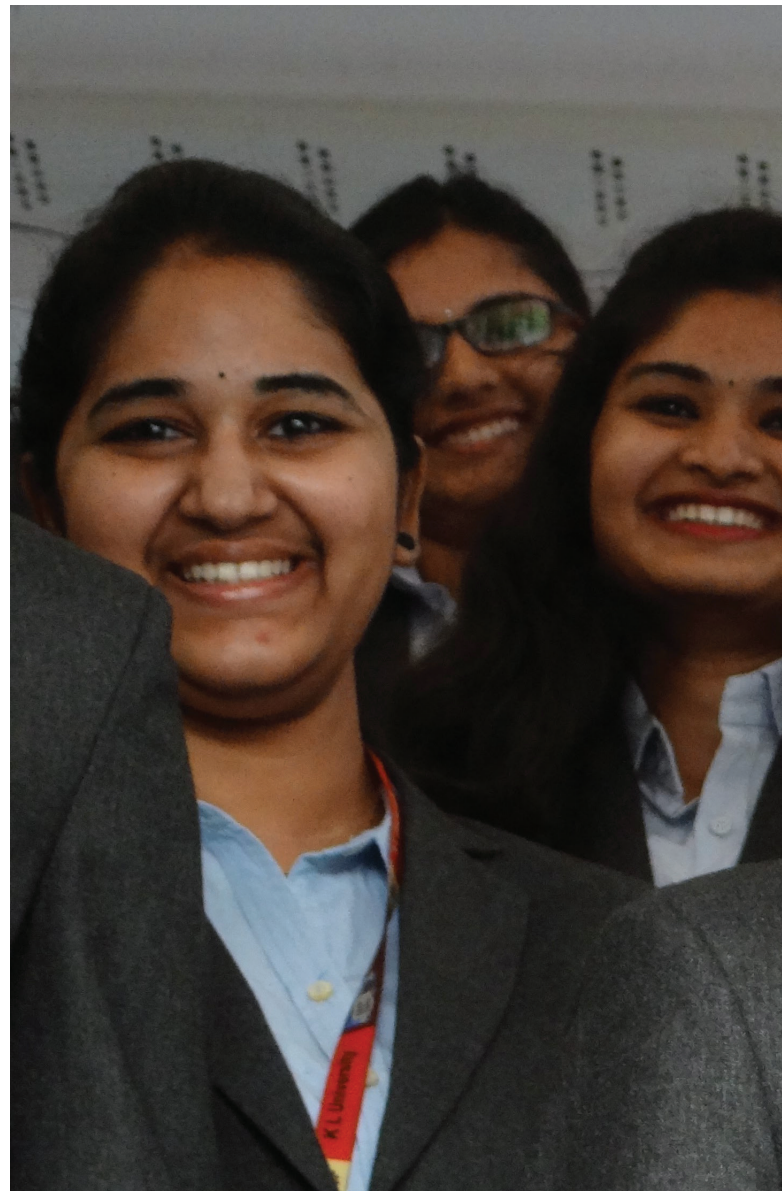
## BEST PRACTICES

| | | |
|---|---|---|
| **MANAGEMENT ORIENTATION PROGRAM** | **OPERATIONAL - WORKOUT** | **LIVE PROJECT** |
| **READING SEMINAR** / **BOOK SUMMARY** | **SECTORIAL SPECIALIZATION** | |
| **MANAGEMENT RESEARCH PROJECT** | **CASE STUDY FOCUS** | **OPEN ELECTIVE COURSES** |
| **ACADEMIC FLEXIBILITY** / **APPLICATION ORIENTATION** | **INTEGRATION WITH PROFESSIONAL COURSES** | |
| **USE OF ICT FOR ENHANCED LEARNING** | **INDUSTRY ANALYSIS** | **INTERNSHIP PROGRAM** |
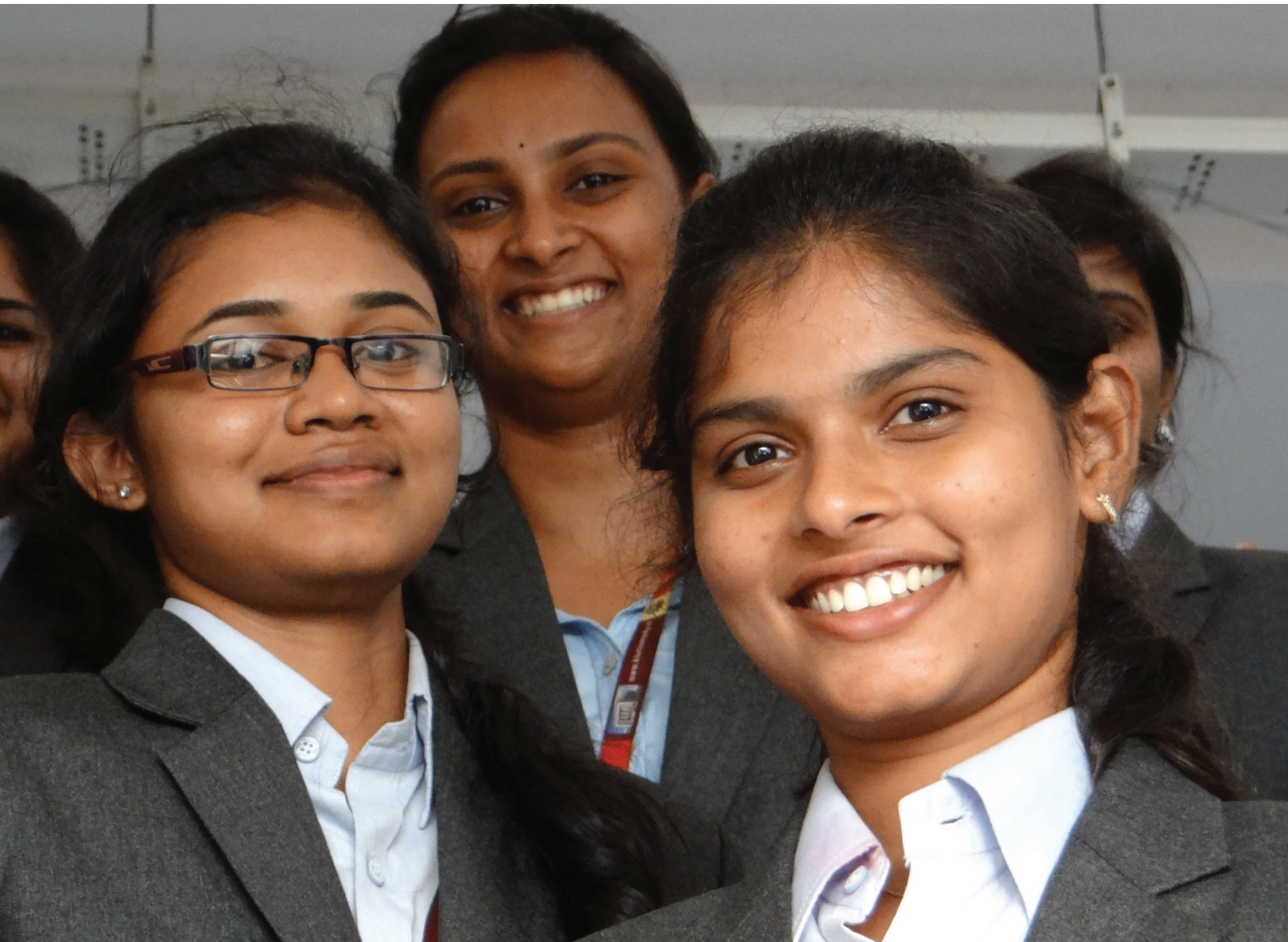
# HOTEL MANAGEMENT

# HOTEL MANAGEMENT

| Program | |
|---|---|
| **BSc** **Hotel** **Management** | |
| Duration | |
| **3 Years** | |

| Faculty | |
|---|---|
| Ph.D Holders | 4 |
| Faculty Pursuing Ph.D | 4 |
| Masters | 2 |
| **Total No. of Faculty** | **10** |

## HALLMARKS

- 40 Guest Rooms with 3 star standards
- Basic & Advance Training Kitchens (BTK & ATK)
- Quantity Training Kitchen (QTK)
- Bakery with Advanced Equipment
- Front Office
- House Keeping
- Restaurant & Bar

## OVERVIEW

The Bachelor of Hotel Management (B.Sc HM) Program regular course equips students with various levels of required skills, knowledge and attitude to efficiently discharge supervisory responsibilities in Hospitality sector. The course also involves in-depth laboratory work for students to acquire required knowledge and training standards in the operational areas of Food Production, Food & Beverage Service, Front Office operations and House Keeping. It also provides managerial inputs in Hotel Accountancy, Food Safety and Quality, Human Resource Management, Hotel Engineering, Entrepreneurship and Strategic Management.

## CAREER OPPORTUNITIES

Global growth and development of Hospitality industry have opened up innumerable openings. As a result the graduate students with B.Sc HM program can look forward to career opportunities as:

- Management trainee in hotels/ International Food Chains.
- Flight Kitchens and on-board flight services.
- Indian Navy Hospitality services.
- Hospital and Institutional catering Supervisor/Assistants.
- Shipping and Cruise line.
- Faculty in Hotel management colleges with PG.
- Resort Management.

# PHARMACY

# PHARMACY

| Program | |
|---|---|
| **B Pharma** | |
| Duration | |
| **4 Years** | |

### Faculty

| | |
|---|---|
| Ph.D Holders | 9 |
| Faculty Pursuing Ph.D | 2 |
| Masters | 1 |
| **Total No. of Faculty** | **12** |

## OVERVIEW

K L College of Pharmacy established in the academic year 2016 with undergraduate program (B. Pharmacy) and Ph.D in Pharmaceutical Science.

B. Pharmacy is an UG Course in Pharmacy. Students with special interest in the medical field can choose this course after Intermediate or Plus two in PCM/B. On completion of the course students become pharmacists. The duration of the course is 4 years.

B.Pharm students study about Medicines and Drugs, Pharma Engineering & Medicinal Chemistry. This is an ever green field in the Health Care sector with increasing demand for Pharma professionals every year.

## JOB PROSPECTS

The Pharmacy field offers ample of opportunities to the students in both Public and Private Sectors. Pharma students are recruited by Chemical & Bio Tech Companies. Besides, they can work as Drug therapists, Drug Inspectors, Drug Coordinators, Pharmacists, Health Inspectors, Pathology analysts, Prescription experts, Scientists and Research officers.

# ARCHITECTURE

# ARCHITECTURE

| Program | |
|---|---|
| **B.Arch** | |
| Duration | |
| **5 Years** | |

| Faculty | |
|---|---|
| Faculty Pursuing Ph.D | 8 |
| Masters | 7 |
| **Total No. of Faculty** | **15** |

## FACULTY

All faculty members in KLSA are licensed professionals / Architects who have overall experience on an average of 10 years.

## ADMISSION PROCESS

Admission into B.Arch is based on NATA organized by Council of Architecture. Candidates with JEE Mains – Paper II (B.Arch) are also eligible to pursue the course. After 5 years of study every graduate has to register with the council of Architecture (COA) for entitling as an architect and work in the Industry.

## OVERVIEW

The K L School of Architecture (KLSA) academic focus and approach is a unique blend of design, creativity and objectivity with a social purpose. The focus empowers students in architecture and design skills combine with social analysis and communication skills to contribute to the creation of a new professional identity.

In the five year program (B.Arch), students not only learn the skills required but are also exposed to thought-provoking and intellectually inspiring sessions through studios, field study and design projects which bring out the creative best in them. Our program is highly regarded because we combine intellectual curiosity and ambition with professional prowess. KLSA has interactive classes, highly qualified and skilled faculties which makes the learning easy.

## JOB PROSPECTS

B. Arch graduates are recruited by Architectural Consultants, Sustainable & Green Solution Consultants, Public Sector Departments (Ex: CRDA, PWD etc.,), Construction & Real Estate Companies. A registered B.Arch student can start his own practice as an architect. Sky is the limit for creativity and so is an Architect.

# FINE ARTS

## FILM SCHOOL

| Program | Specializations |
|---|---|
| **B.Sc Multimedia** | • 3D Animation & VFX |
| | • Digital Film Making & VFX |
| **Duration** | • Advertisement |
| **3 Years** | |

## SCHOOL OF FINE ARTS

| Program | Specializations |
|---|---|
| **B.F.A Applied Arts** | • Painting |
| | • Sculputure |
| | • Film Making and VFX |
| **Duration** | • Animation and VFX |
| **4 Years** | |

| Faculty | |
|---|---|
| Ph.D Holders | 6 |
| Faculty Pursuing Ph.D | 5 |
| Masters | 3 |
| **Total No. of Faculty** | **14** |

## OVERVIEW

Started in 2014, the Film Institute aims at promoting the innovative pedagogy and methods.The institute is aimed at grooming professionals for the thriving media and entertainment industry and endeavours to provide students with an in-depth training. The watchword of the department is "The art of Creative Expression" and "The art of Dynamic Expression"

## OBJECTIVES OF FILM INSTITUTE

- To provide students with an in-depth training and enable them to transform into Movie Media and Communication professionals.
- Build upon a solid foundation of Media & Communication studies to expand the quality & effectiveness of their own creative work.
- To churn out young generation to innovators, capable of contributing value to movie media industries

Fine Arts which includes objects mainly created for concept and aesthetic value rather than utility. Conventional art forms are being converted into profitable sectors for commercial use now-a-days. Opportunities are increasing at a rapid rate in the fine arts sector. Students of Fine Arts can obtain high remuneration, popularity and prestige. In this contemporary and futuristic career world, Animation & Filmmaking are high in consistency with high demand.

The focus of the curriculum is putting the theory taught in each subject along with practice, and making students industry-ready. The department ensures by giving students hands-on experience in its state-of-the-Art.

### THRUST AREA

The focus of the curriculum is on putting into practice the theory taught in each subject and making students industry-ready. The department ensures this by giving students hands-on experience in its state-of-the-Art Studio.

### ACADEMICS

### VIRTUAL CLASS ROOM DESIGN

Classroom set-up connects the students' imaginations to the digital and interactive world. Multi-Media lab for 2D & 3D graphics, animations and web-publishing is well furnished with the high configuration systems, genuine and licensed advanced soft-wares.

### STUDIO

- K L has a professionally developed Film Studio on the Campus. The state of the art facilities regular to shoot a film are kept in place. Photography studio emerges to match the industry needs such as Digital SLR Cameras with relevant accessories and professional light set-up for indoor photography.

- The students will be endowed with the exposure to the real world creative gateway and industry best practices inside the campus in a built-in, well - equipped, full- fledged visual studio with online set-up.

- High Definition video cameras to specialize in videography add to its asset.

- Acoustically treated shooting floor with professional lighting for videography, dubbing studio with digital audio workstation are a few to note among many more amenities.

- Centralized air-conditioned screening theatre with a capacity of 320 participants, with overhead projection facilities is one of the facilities.

### B.Sc MULTIMEDIA PROGRAM

Department of Creative Arts and Media Studies (CAMS) is offering B.Sc. Multimedia course, which is designed to impart the information and knowledge of Various Media Industries. The rapidly growing Advertising, Photography, Films, Animation, Visual Effects (VFX) and Electronic Media industries demands a large number of media professionals

with a thorough training in the various media methods and technologies. A comprehensive curriculum is designed by the leading industry experts and academics to adopt the cut-edge competitive challenges ahead for the students who wish to thrive in this area of Sciences.

### BACHELOR OF FINE ARTS

The Bachelor of Fine arts (BFA) degree is considere to be the most prestigious degree that students can receive in the visual arts like painting, Sculpture, Film Making and animation. This option is for students who wish to gain as much experience and skill in painting Sculpture , Film making and Animation.

The duration of this  course is 4 years. The first year which is the foundation course imparts intensive training to familarize students with the basic principles of Drawing, Design, Color, Clay Modeling, Photography, Geometry and perspective as practical subjects, and art history and appreciation of art as theory subjects. The seocnd year marks the begining of the three years specialization course. This degree covers the creative endeavors and prepares students for professional careers in the fine arts discipline.

# LAW

## COLLEGE OF LAW

**Program**
**BBA - LLB**

**Duration**
**5 Years**

**Program**
**L.L.B**

**Duration**
**3 Years**

### Faculty

| | |
|---|---|
| Ph.D Holders | 5 |
| Faculty Pursuing Ph.D | 3 |
| Masters | 1 |
| **Total No. of Faculty** | **9** |

### ELIGIBILITY

- Pass in 10+2 or equivalent examination with an aggregate of 45% and above
- National Level (CLAT) and State Level (LAWCET) ranks are also accepted (Not mandatory)
- For others through personal interview, group discussion and writing ability test.

### OVERVIEW

The College of Law was established in the academic year 2015-16 with under graduate BBA., LL.B, five years integrated programme. At present college of Law is offering five years integrated BBA., LL.B, programme and a Post graduate LL.M programme. The college is also offering Doctoral Programme (Ph.D) in emerging areas of law.

### HIGHLIGHTS AT K L COLLEGE OF LAW

- Program pattern is on the lines of National Law Schools
- World Class infrastructure with state of art classrooms, moot courts, computer labs, vast library etc.
- Subscriptions to legal data bases like Manupatra and Lexis Nexis India.
- Identified courses taught by eminent academicians, popular advocates and dignitaries from judiciary
- Faculty monitored internships in prominent law offices
- 100% placement opportunities in MNCs and other industries to the eligible placement registered students.

### CAREER PROSPECTS

Students who have graduated this course can find career opportunities in

- State Bar Councils – legal practice
- Indian and Foreign Law Firms
- Multinational Companies
- Legal cells of Private and Public Sector Companies
- Banking Sector
- Legal Process Outsourcing (L.P.Os)
- Global Audit and Compliance Firms
- Consulting Firms

# SCIENCES & HUMANITIES

## SCEINCES & HUMANITIES

| Program<br>**M.Sc - Maths** | Specialization |
|---|---|
| | • Applied mathematics |
| Duration<br>**2 Years** | |

| Program<br>**M.Sc. - Physics** | Specializations |
|---|---|
| | • Physics |
| Duration<br>**2 Years** | • Instrumentation Technology |
| | • Material Science & Nano Technology |

| Program<br>**M.Sc. - Chemistry** | Specializations |
|---|---|
| | • Analytical Chemistry |
| Duration<br>**2 Years** | • Organic Chemistry |

| Program<br>**M.A** | Specialization |
|---|---|
| | • English |
| Duration<br>**2 Years** | |

### Faculty

| | |
|---|---|
| Ph.D Holders | 153 |
| Faculty Pursuing Ph.D | 71 |
| Masters | 10 |
| **Total No. of Faculty** | **234** |

## OVERVIEW

The School lays a solid foundation in Mathematics, Physical Sciences, Biology, Language and Communication Skills and Professional Ethics.

## SCHOOL OFFERS PG, M.Phil and Ph.D PROGRAMS

The admission to Ph.D. program is announced twice a year. Institute fellowship is also offered to deserving candidates qualified in the written test and interview.

## DEPARTMENT OF ENGLISH

The faculty hold specializations in different areas like American Literature, English Literature, English Language Teaching and Translation.

The department published 170+ research papers in reputed International journals.

It has research projects worth Rs.32 Lakhs under ICSSR and Ministry of Human Resources Development.

## DEPARTMENT OF MATHEMATICS

The department is working in different specialized areas like Dynamical systems on time scales, Fuzzy dynamical systems, Fluid Dynamics, Lie groups, Tribology, Boundary value problems, Fuzzy and Vague Algebras, Semi groups, Operations Research, Statistics and Fixed Point Theory.

The faculty of the department published more than 400 research papers in National and International indexed journals.

## DEPARTMENT OF CHEMISTRY

The department, right from its inception has given high priority for research. The faculty is actively engaged in cutting edge research in the frontier areas of Inorganic, organic, physical, analytical and theoretical chemistry with further specialization in Biosensors and Bioanalytical chemistry, Water Purification Nanochemistry and nanomaterials, Computational and theoretical chemistry, Green chemistry and catalysis.

It has research projects worth Rs.84 Lakhs under DST and Ministry of Environment and Forest (MOEF).

Faculty members have published 220+ research papers in National and International journals with high impact factor.

## DEPARTMENT OF PHYSICS

The faculty of the department have been doing research in all major areas of Physics such as Nano Science & Technology, Glass Science, Solid State Ionics & Thin films.

The department has published 175+ research papers in reputed indexed journals and is working in different specializations like Nanomaterials, Phosphors, Glass Science & Technology, Atmospheric Sciences and Liquid Crystals.

The department has on-going research projects of worth 75 lakhs under DST (SERB) & DBT.

# COMPUTER APPLICATIONS

## COMPUTER APPLICATIONS

| Program | Specializations |
|---|---|
| **BCA** | • Cloud Technology & Information Security |
| | • Mobile Application & Information Security |
| **Duration** | • Data Science |
| **3 Years** | |

### Faculty

| | |
|---|---|
| Ph.D Holders | 3 |
| Faculty Pursuing Ph.D | 2 |
| Masters | 10 |
| **Total No. of Faculty** | **15** |

### INFRASTRUCTURE

The department has adequate ICT (Information communication technologies) enabled class rooms which caters for different modes of teaching including Audio, and Video conferencing and class room connect.

### ACADEMIC LABS

The Department has established labs with latest high end hardware and software for making students practice theoretical concepts. The students practice in the labs through the execution of real life projects which are society focused.

### OVERVIEW

This program is designed with the main objective of imparting strong theoretical foundation, and to provide exposure to latest technologies to bridge the industry gap in IT sector by abiding to social ethics.

### HIGHLIGHTS

- This department consists of well expertise and International Certified faculty to teach specialized courses.
- The curriculum includes different emerging Technologies like Amazon Web Services, Sales Force Services, Windows AZURE, Ethical Hacking, Cyber Security, Digital Forensics, and Hadoop.
- The students will be certified by CISCO, Oracle, Microsoft, IBM, Sales force.
- Availability of super computer that enables parallel computing thorough virtual cloud.
- Availability of infrastructure and expertise for development of mobile applications.
- Availability of ambiance for incubating the innovative ideas through incubation center.
- The students will acquire sound practical command in their specialization as they undergo 6 weeks of Industrial training (Internship) and 1 semester of project work with regular reviews.
- The students will be groomed by providing intensive placement classes to achieve 100% placements in their specialization.

## CLOUD TECHNOLOGY & INFORMATION SECURITY

Specialization in Cloud Technology & Information Security provides dual career options for the students in the fast-growing technology sectors of Cloud Technology and Information Security. Cloud computing is the delivery of computing services like servers, storage, databases, networking, software, analytics and more over the Internet, "The Cloud". Information Security is the area of study involving technologies, processes, frameworks, conceptual models and practices designed to protect data, communication, devices (computers, phones, sensors etc), programs and applications from attack, damage or threats.

## MOBILE APPLICATION & INFORMATION SECURITY

Specialization in Mobile Application & Information Security provides dual career options for the students in the fast-growing technology sectors of Mobile Applications and Information Security. This program provides the students with the fundamental knowledge of all aspects of Mobile Technology with emphasis on application development for Android, with industry requirements and also equips the students with the concepts and the technical skills needed to secure Information by creating awareness to different vulnerabilities, corrective measures and protection. The program offers a wide range of Technical and Programming skill sets that compliments the specialization subjects on Mobile and Security. Through this program students are enabled to compete for programming in Mobile and Security based job profiles thus improving the employment quotient significantly.

## DATA SCIENCE

Specialization in Data Science is specifically designed to prepare students with strong Conceptual foundations as well as practical skills on data science & big data analytics. Data Science sector is growing exponentially due to enhancements in digital technology. Today, companies are demanding real-time data based solutions for analyzing factors influencing the business like daily activities of customers, business processes, and usage of

every resource of the organization, in order to detect and reduce the chances of failure, optimize operations and enhance customer experience. These solutions are gaining traction in various domains such as finance, energy and utilities, education, healthcare, manufacturing, media and entertainment, retail, telecom, IT and many more. Data Science in India is one of the hottest fields in information technology and India faces a severe dearth of data science professional to meet the current demand.

## ADVANCED LABORATORIES WITH INDUSTRY COLLABORATION

- Microsoft Innovation Center
- Sales Force
- IBM Center of Excellence
- CISCO Networking Academy
- Oracle Center
- eSF Labs

## FOCUSED AREAS OF RESEARCH & RESEARCH CENTERS

- Artificial Intelligence and Machine Learning
- Cloud Computing
- Big Data Analytics
- Cyber Security
- Internet of Things

# COMMERCE

## COMMERCE

| Program | Specializations |
|---|---|
| **B.Com (Hons)** | • ACCA |
| | • CIMA |
| **Duration** | |
| **3 Years** | • Regular |

| Program | Specializations |
|---|---|
| **MFC** | • ACCA |
| | • CIMA |
| **Duration** | |
| **2 Years** | • Regular |

| Faculty | |
|---|---|
| Ph.D Holders | 5 |
| Faculty Pursuing Ph.D | 3 |
| Masters | 2 |
| **Total No. of Faculty** | **10** |

### TEACHING & LEARNING METHODOLOGY

- Interactive & Participative Sessions
- Group Discussions
- Presentations
- Summer Internship Program (SIP)
- Guest Lectures by Eminent Academicians and Industry Experts
- Soft Skills Training
- Equal Emphasis on both Theory and Practice
- Student Seminars
- Corporate Research Projects (CRP)

The programs in Department of commerce have been designed in consultation with industry leaders, graduate recruiters and alumni. The programs offer its students a strong commercial grounding in the main areas of business, preparing the students for a career in virtually any field, anywhere in the world. The programs in Department of commerce gives the exposure to practical business cases and experiences, drawn from our wide network of Indian and international business partners, and taught by the most dedicated and experienced educators.

### BACHELOR OF COMMERCE (Hons)

- The three-year full-time Bachelor of Commerce (Hons) will prepare for a successful career in Accounting, Finance and Taxation.
- Core units will provide grounding in areas such as Accounting, Finance Economics, Taxation Business Mathematics, Business statistics and other related subjects.
- This program enables graduates to enter directly into professional roles in commerce & Management and other professional courses like CA, ICMA, & CS.

### MASTER OF FINANCE AND CONTROL

Master of Finance and Control program offers a wide variety of subject options, immersive learning experiences and a strong commercial grounding in the core areas of Accounting, Finance and National and International taxation in the business environment.

This course is introduced to take advantage of national and international exposure, industrial placement opportunities and make our Master`s degree to launch effective career in virtually any related field, anywhere in the world and validate the stand of the future requirements of the students to meet the challenges of global scenario.

# PRACTICE SCHOOL

## WHY PRACTICE SCHOOL

- Enables students to have a smooth transition from academics to professional world.
- Enhances interpersonal skills, communication skills, leadership qualities etc.
- Provides an opportunity to apply some of the ideas/skill sets that students learn during the academic program.
- Increases the confidence levels of students.
- Enables students to have awareness of personal strengths and limitations as a professional.
- Increases marketability of students after graduation.
- Provides link with potential future employers.

  The IRD caters to the following needs of all the Departments of the University

- Industry Participation in Curriculum Planning
- Continuing Education and Internship for Faculty
- Industrial Training for Students
- Industrial Visits and Tours for Students
- Consultancy Projects
- Collaborative Programs with Industry
- Guest Lectures
- Extension Lectures
- Placement
- Student Counselling & Guidance
- Student Career Development
- Entrepreneurship Development Program
- Coaching Programs
- Alumni Interaction

## PRACTICE SCHOOL

- One full semester monitored internships in 155 companies in 2016-17.
- 66 companies offered stipend to students ranging from INR 15,000 to INR 33,000 in 2016-17.
- 54 abroad Internship offers in the last 3 years
- Monitored summer internship programs

## ACADEMIC INTERNSHIP

| Academic Year | No of students attended |
|---|---|
| 2014-15 | 1790 |
| 2015-16 | 1547 |
| 2016-17 | 3067 |
| 2017-18 | Ongoing |
| **Total** | **6404** |

## MONITORED INTERNSHIP PROGRAM

As a part of the curriculum, K L introduced an innovative concept of Practice School for one full semester of B.Tech, M.Tech, MBA, BBA & B.Com(Hons). Students of B.Tech may opt this either in 7th semester or 8th semester, M.Tech in 3rd Semester, MBA in Summer for 12 weeks (May-July), BBA in Summer for 8 weeks (May-June) and B.Com (Hons) every year in Summer for 8 week (May- June) & in Final Year for 4 months (8th Semester). This allows the students to undergo on-the-jobtraining/ Industrial Training to achieve hands on experience in the industry. During Practice School, some of the students may be offered stipend and/or job offer. This program benefits the student to understand what he/she has studied in the class room and what is being practiced in the industry. Every year we are sending 1000+ students to do PS in 100+ companies at Vijayawada, Visakhapatnam,

# INDUSTRY CONNECT

Hyderabad, Chennai, Bengaluru, Bhutan and Nepal.

Practice School division is having Regional Offices at Vijayawada, Visakhapatnam, Hyderabad, Chennai & Bengaluru for better relationship with Industries, monitoring students, smooth functional operations.

The IRD caters to the following needs of all the Departments of the University

- Industry Participation in Curriculum Planning
- Continuing Education and Internship for Faculty
- Industrial Training for Students
- Industrial Visits and Tours for Students
- Consultancy Projects
- Collaborative Programs with Industry
- Guest Lectures
- Extension Lectures
- Placement
- Student Counselling & Guidance
- Student Career Development
- Entrepreneurship Development Program
- Training Programs
- Alumni Interaction

## IRD EXTENSION CELLS

To effectively maintain close liaison with Industry, "Extension Cell" at Hyderabad, Chennai, Bangalore, New Delhi & Pune have been set up and personnel having wide Industrial and Corporate experience are appointed. Offices at Kanpur and Kolkata will be setup shortly.

## PARTNERS

The Institute is a member of Confederation of India Industry (CII) and The Associated Chambers of Commerce and Industry of India (ASSOCHAM).

# PLACEMENTS

Placement is the end result of all the activities. Corporate is encouraged to recruit students through the Campus Interviews.

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## PRACTICE SCHOOL

- One full semester monitored  internships in 155 companies in 2016-17.
- 66 companies offered stipend to students ranging from INR 15,000 to INR 33,000 in 2016-17.
- 54 abroad Internship offers in the last 3years
- Monitored summer internship programs

The IRD caters to the following needs of all the Departments of the University

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- Industrial Training for Students
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- Consultancy Projects
- Collaborative Programs with Industry
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- Placement
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- Entrepreneurship Development Program
- Coaching Programs
- Alumni Interaction

## 100% PLA

STUDENTS PLACED IN CORE & PRODUCT BASED

# CEMENTS*

## MNCs WITH SALARIES AROUND ₹5 LAKHS & ABOVE

osys | Informatica | Adobe | CGI | infor
Cognizant | DBS | Directi | AXIS BANK | infoedge
ffc | HUAWEI | B HUBS | IBM | ITC Limited
hindra | MAQ Software | Numerify | HYUNDAI MOBIS | Aricent
STREET | synopsys | ZOHO | ADP | Dell
airtel | ARETEANS | Coca-Cola | Vassar | FELTSO

## 100%
### PLACEMENTS

For 14 Years since 2005

## 500+
### MNCs

Connected across
India & Abroad

Opportunities with
Dream Companies
with Salaries over

## ₹10
## LAKHS

Opportunities with
Super Dream Companies
with Salaries over

## ₹20
## LAKHS

International
Internships
upto

## $5500
stipend

*For all registered & eligible students

# INTERNATIONAL RELATIONS

Internationalization is one of the focal program at K L & an integral part of enhancing better academic standards and understanding of cross-cultural insights across the globe. This has been paved through admitting international students, collaborations with universities & world class excellence centres. K L has been making long strides to explore the academic horizons by joining hands with like minded universities across the globe. In this connection K L has signed very good number of Memorandums of Understanding with well-known universities abroad. With these Memorandums, the students of K L will derive many benefits such as spending short duration internships abroad, semester abroad, participation in Twinning programs with partner Institutions, to acquire Double Degrees, and join for Ph.D programs at those Universities. It provides an opportunity for K L faculty to explore through joining hands with world renowned expertise in academic stature through joint research publications and conduct of international workshops and conferences.

K L, has signed MoUs with number of Universities in the USA, UK, Australia, Romania, Sweden, Malaysia, China, Poland and Ireland promoting academic programs with them, where enable the students to take-up part of their study in those Universities. K L offers semester abroad, internship abroad, 2+2, 3+1 and 3+1+1 programs in association with Partner University.

## SEMESTER ABROAD

This provides an opportunity for student to get international exposure. Student can choose to study few subjects under Credit Transfer system in partnering Universities abroad. A student can study few subjects or an entire semester in partnering Universities abroad and the credits earned will be transferred and given proper weightage while awarding of degree at K L.

## STUDY TOUR

Students of K L have an option to visit partner Universities abroad to get international exposure. Eg. One can visit Latrobe University, Australia as a part of study tour and can attend the classes of foreign professors for a period of 7-10 days. In addition to academic exposure, they can learn International Cultural issues by associating with foreign students.

## STUDENTS EXCHANGE

As a part of student exchange program K L & partner Universities depute their students to spend their time at partner university. K L students can spend one semester abroad or complete their internship. Similarly under mutual exchange program, partner university students can spend one or two semesters' at K L. In both cases, credit transfer is made to enable the students to get their degrees at the respective University.

## INTERNSHIP ABROAD

K L Students have the advantage to complete both their project work aswell as internship of 6-8 weeks at select Universities abroad. Under this agreement, K L students have the benefit of gaining hands on experience in world class organizations and Industries.

## SUMMER INTERNSHIP (CUSTOMISED)

K L Students have the opportunity to learn one course in Automation systems used in highly modern Laboratories in Sweden namely Production Technology Center, at University West, Sweden, during the summer. The students will get solid practical exposure to key principles in modern industrial automation.

## 2+2 PROGRAM

K L Students can study their first two years at K L and the rest at partner Universities in USA, UK, Australia, Malaysia, Sweden, Thailand and Ireland.

## 3 + 1 PROGRAM (SPECIAL PROGRAM)

Under this scheme, students can study three years in K L and one year at University of Massachusetts USA. The students are eligible for a certificate from University of Massachusetts along with degree.

## 3+1+1 PROGRAMS (SPECIAL PROGRAM)

In University of Massachusetts, the students are allowed to take admission in to 4th year and after completion of 4th year, the students are eligible to do their Master's Degree, i.e. the students have an advantage of saving expenditure to a large extent. Specially, with Auburn University at Auburn, USA, the students, who opt for this (2+2) program, can join later for their postgraduate programs free of Tuition Fee. Similar benefits are explored with other Partner Universities.

## FLEXIBLE ADD-ONS LIKE INTERNATIONAL YOUTH LEADERSHIP AWARD

International linkages promote the student skills to build their career globally thus help themselves develop specialized knowledge, skills and hands-on experience abroad. This program is envisaged in association with IUCEE. M. Tech Program leading to Ph.D: A special MOU signed with Asian Institute of Technology (AIT), Bangkok, Thailand enable K L Students at Masters Level to enroll themselves with AIT for their Ph. D degrees.

## JOINT RESEARCH AND GUIDANCE UNDER FOREIGN SUPERVISORS

Meritorious students and research scholars at K L can seek research assistance from professors at partner Universities and leading research centers and jointly work with them towards their degrees at either place.

## FOREIGN LANGUAGES OFFERED

French, Chinese, Japanese, German languages will be offered as per per choice of students.

## COURSE DELIVERY BY FOREIGN FACULTY

K L has a support of 300 plus expert faculty in various academic disciplines who have been delivering complete course work to the students of K L to bring in the best practices of academic learning systems like lab taken to class room to add value to academic learning

## LIST OF PARTNER UNIVERSITIES

| | |
|---|---|
| Australia | Latrobe University, Bundoora Campus, Melbourne, Queens Land University, Deekins University |
| China | Dallian Institute of Technology, Dallian. |
| Netherlands | Hanze University, DA Groningen, Hanzehogoes School Groningen, Netherlands. |
| Poland | Szewalski Institute of Fluid flow Machinery, Poland. |
| Srilanka | South Eastern University of Sri Lanka, Oluvil, Sri Lanka. |

| | |
|---|---|
| Romania | Technical University of Cluj Napoka, Romania. |
| Ireland | National college of Ireland, Dublin, Ireland. |
| Sweden | University West, Trollhattan, Sweden |
| Japan | Kumamoto University. |
| Malaysia | University of Technology, Johor Baru, Putrajaya a Business School. |
| USA | Stanford Univeristy, California State University, University of Texas, Dallas, A&M Texas University, State University of New York, (SUNY-B) Binghamton New York, USA, Indiana State University, Terre Haute, USA. University of New Orleans, USA University of Massachusetts, |

Lowell, USA. Jackson State University, Mississippi, USA St. Louise University, USA. Rutgers State University, New Jersey, USA DeVry University, USA. Villanova University, USA Central Michigan University, Michigan, USA Auburn University, Albama, USA, International Technological University, USA Virginia Tech University, USA Florida International University, Florida California State University, USA.

| | |
|---|---|
| UK | University of Plymouth, Drake Circus, Plymouth. The Robert Gordon University, Schoolhill, Aberdeen, United Kingdom Glasgow Caledonian University, Scotland, UK. |
| Singapore | PSB University. |

www.kluniversity.in



**Vijayawada Campus:**
Green Fields, Vaddeswaram
Andhra Pradesh 522502
Tel: 0863 2399999
Director(Admissions): 9490361111

**Hyderabad Campus:**
Aziz Nagar, Chilkur Road
Hyderabad,
Tel: 99666 95455
Director(Admissions): 9640101133

**Administrative Office:**
Museum Road, Governorpet
Vijayawada,
Andhra Pradesh 520 002.
Tel: 0866 2577715

**Hyderabad Corp Office:**
103, Parkview,
Jubilee Hills, Hyderabad
500033
Tel: 040 2354 2127

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**UP** 7905596299 | **Bihar** 9066232743 / 8873036616 | **Jharkhand** 7488514353 / 8809358143 | **Odisha** 7997995712
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