

# Education and Coronavirus:

## KL University , India

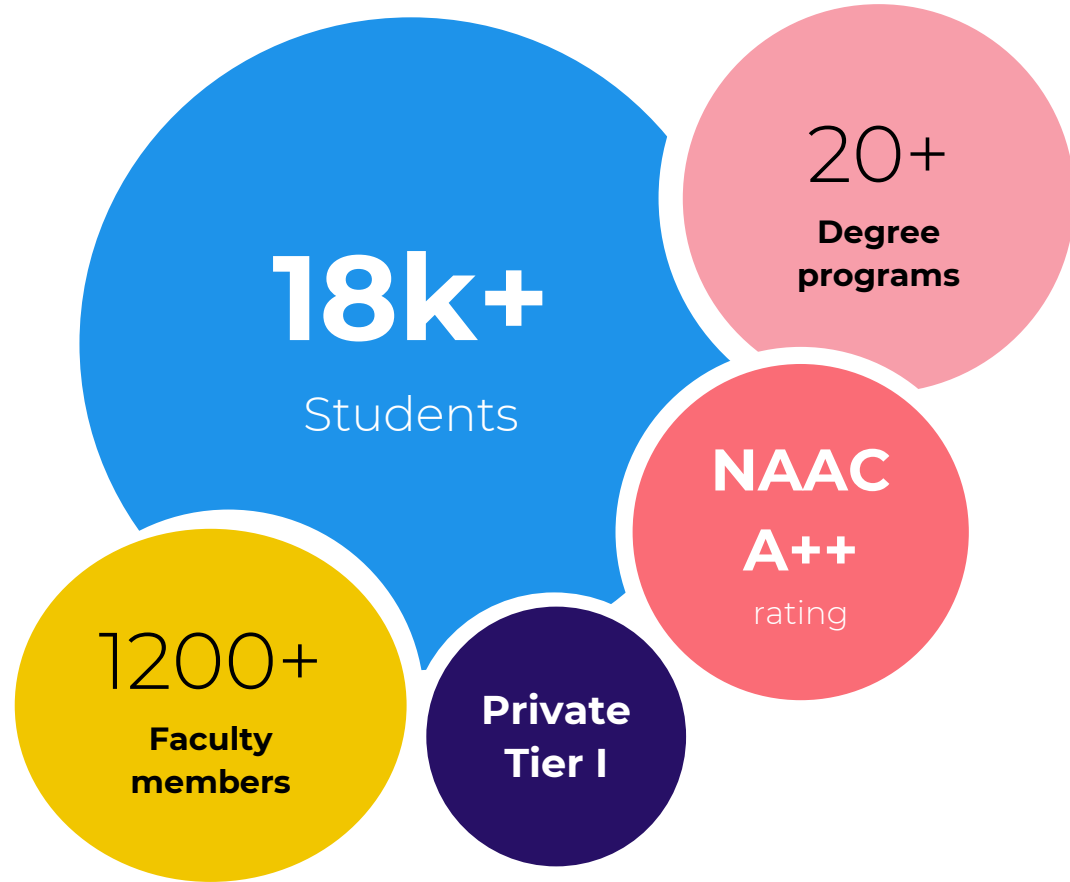


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- Established in 1980 as KL College of Engineering (100 acres)
- Conferred Autonomous Status in 2006, Research University in 2009
- 20 Disciplines, 74 academic laboratories, 25 research laboratories, 6 industry collaboration labs and 4 Centers of Excellence





# Next academic year: K L University perspective

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- 1 Measure and assess student achievement through means other than in-person exams.
- 2 Establish plans for future resiliency after the current crisis is over
- 3 Provide in-demand job skills to prepare students for a skill based employment ecosystem
- 4 Assure students that online and blended learning provide a positive experience with ROI and drive learning outcomes

# COVID-19 : Education at KL University

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- Residential colleges and universities nationwide are now obliging students to finish current-term academic coursework online, just as thousands of students enrolled in distance learning programs such as ours, the KL University.
- As students and professors converge online, we don't just reach for makeshift solutions. We will ensure our students learn something useful.
- We are quickly moving classes to the internet and telling students that online delivery would be credited similar to conventional education
- The collaboration with Coursera has been helping the University to realise some of the objectives
- We must forgo our presumption that online learning is a second- or third-rate substitute for in-person delivery

# Operational details

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- **One Online Course, equivalent to 3/4 credits**, every Semester, is mandated for every student. (Currently Coursera Modules are aligned to the curriculum)
- Starting 7th Feb 2020, @7000 students have registered till date.
- Students generally subscribe for Courses like Basic Electronic Circuits, Data Science, Calculus and Optimization for Machine Learning, Effective problem solving & decision making, Fundamentals of GIS, Mandarin - Chinese Language for Beginners, Introduction to thermodynamics, Control of mobile robots, VLSI CAD Layout, Electric power Systems and Web Design for everybody.
- **With an engagement of four hours per student per week**, the completion rate ranges between 50% to 90%
- **50% of Faculty have completed at least one Course.**
- The Student **feedback** gives a **score of 4.8/5.0**

# Best Practices for blended learning- KL University

## Blended Learning

Curriculum blended with Online Coursera Content where learning is broken into smaller chunks

1

## Due dates

Pattern of activity and due dates established

2

## Setting expectations

Describe expectations for online participation, communication, and netiquette

3

## Weekly reviews & prompt feedbacks

1 to 2 hrs of reviews conducted for students to track the progress and clarification of doubts

4

## Alignment matters!

Course content aligns with objectives and assessments.

5

# Areas where online education needs to do further work

- Lack of Accreditation and low Quality content
- Quality Assurance
- Online Assessment
- Little or no face to face interaction
- More Work (more reading and more assignments)
- Seeks Self-Discipline – Seeks even more Self Direction
- Lack of flexibility
- Lack of input from trainers
- Slow Evolution
- Content creation and e-learning is difficult to do
- Lack of Transformational Power

# The Future @KLU

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- 1** Full Fledged Online Programs leading to Certificate / Diploma / Degree
- 2** Intelligent Mix and Match of Online Modules aligned to Value Added Courses for Industry Professionals
- 3** Targeted Specialised Courses
- 4** Customer Built Certificate / Diploma / Degree
- 5** Complete Online Assessment and Quality Assurance





**Thank You**

**QnA**