



# **SELF STUDY REPORT**

**FOR**

**1<sup>st</sup> CYCLE OF ACCREDITATION**

**JK LAKSHMIPAT UNIVERSITY**

NEAR MAHINDRA SEZ, MAHAPURA, AJMER ROAD

302026

[www.jklu.edu.in](http://www.jklu.edu.in)

Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**July 2021**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

JK Lakshmipat University (JKLU), Jaipur, was set up in 2011 by Lakshmipat Singhania Foundation for Higher Learning, promoted by JK Organization, India's leading and one of the oldest industry conglomerates. The university's infrastructure and learning resources cater to students from 20+ States and UTs of India, with 28% girls.

JKLU comprises three institutes – Institute of Engineering and Technology, Institute of Management, and Institute of Design and offers a variety of UG, PG, and doctoral program – BTech, BBA, BDes, MTech, MBA, MDes, PG Diploma, and PhD. JKLU is a small university having around 600+ students and 60+ faculty members. Our annual operational cost is approx. INR 22 crore of which the current revenue from students is only nearly 60%. JKLU offers 250-300 courses every year in its various programs. Many courses are taught by industry experts. All UG and PG students at JKLU are also given courses by the Centre for Communication and Critical Thinking. To nurture whole professionals with skills of innovation, critical thinking, problem-solving, entrepreneurialism and interdisciplinarity, JKLU has adopted a student-centric pedagogical approach of Project-Based Learning. Learning Outcomes are defined, articulated, and mapped in alignment with the vision, mission, and values of the University. Industry immersion is distinctive to JKLU.

More than 70% of faculty have PhD degree and 70% have at least one degree from the most respected institutes in India. JKLU provides scholarships to a large number of students and also offers special support for advanced and slow learners.

JKLU's vision, "to be one of India's most innovative higher education institutions" is at the core of the university's functions. JKLU's Board of Management, Board of Academic Advisors, Academic council, and Boards of studies have many leading experts in their fields. JKLU has established collaboration with many leading universities and other organizations. Its MoUs with the University of Florida, University of South Carolina, Amsterdam University of Applied Science, St. Cloud State University, etc., facilitate students to spend a semester opening pathways for higher education. JKLU is recognized by the DSIR, GOI as a Research Organization. Niti Aayog has sponsored Atal Incubation Centre at JKLU.

### **Vision**

To be one of India's most innovative higher education institutions

### **Mission**

To realise its vision, the University will:

Practice teaching that inculcates critical thinking and problem solving,

Pursue research that leads to innovation and enhancement of real-life applications,

Offer experience that leads to all round development, and

Develop a culture that is strongly rooted in interdisciplinary and learning by building, not just doing.

## **1.2 Strength, Weakness, Opportunity and Challenges(SWOC)**

### **Institutional Strength**

1. Commitment and resources of JK Organization, one of the oldest and highly respected business houses of India well known for its philanthropic contributions, to enable JKLU to provide world-class education to students in India.
2. Governed by an independent Board of eminent and progressive leaders from Academia, Industry and Public service with proven track record of institution building who are actively engaged in direction setting.
3. A leadership team which together brings exceptional experience and capabilities of academic leadership, management and institution-building at leading institutions in India and globally.
4. Well-endowed and contemporary campus with modern academic infrastructure, laboratories, innovative use of ICT, facilities and an administration focused on holistic student experience, both inside and outside classes.
5. Agile and responsive governance and administration.
6. Excellent Faculty strength with a teacher for every 11 students. Faculty with education and experience from eminent institutions both in India and overseas with more than 70% faculty having PhD qualification. The University has an ongoing international recruitment effort.
7. Curriculum designed and delivered to attain well-defined Program Education Objectives (PEOs) and multi-dimensional Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs).
8. All programs built around addressing key themes driving innovation at work in business and industry and with explicit focus on interdisciplinary learning especially across technology, business and design; professional development with building 21st century skills of critical thinking, communication and problem solving, and live application experience with labs, studios, practice schools, etc.
9. Progressive pedagogy focusing on experiential Project Based Learning (PBL), team-teaching, hybrid (online and classroom) learning, etc., supported by transparent and continuous evaluation scheme.
10. Strong support for research, consultancy, training, and entrepreneurship with in-house incubation facilities, maker-spaces, collaboration options, and SDG-focused initiatives.
11. Very Strong linkages with Industry and global Institutions including Fortune 500 companies and top 100 Universities to support advanced studies, internships and other forms of collaborations.
12. Well-developed sports and cultural activities and activities with emphasis on student governance as means of all-round and leadership development of students.

### **Institutional Weakness**

1. Accessibility with public transport yet to be extended completely to the University.
2. Low strength of Post-graduate and doctoral students, which limits the ability of faculty at young universities to drive extensive research.
3. Absence of an established and senior alumni body whose support can be enlisted for various initiatives, external connects and resource mobilization.
4. Limitation for faculty to participate in research and access grants/support from DST and other government Institutions due to private status of JKLU.
5. Ongoing challenge, like every other university, in attracting top-notch faculty.
6. Relatively young age of new Design school and programs such as Post Graduate Diploma in Analysis and Research (PGDAR) which are yet to establish their credibility.
7. We are in the growth phase and currently have a small size. This restricts the number of activities that our students can undertake on campus.
8. Also, the small size of student body means limited financial means. Even with generous financial contributions from JK Organization, this leads to some constraints in non-academic activities.

### **Institutional Opportunity**

1. With the backing of JK Organization, the pressure to become a no-loss-no-profit university quickly is not there. There are only a few universities in India with sustained philanthropic backing. These have greater chance of becoming the high quality institutions.
2. There is a huge unmet demand for innovative, unconventional multi-disciplinary programs in new areas of Design, Technology and Business such as CS and Design, Mechatronics and Design, CS and Finance, Health Technology, Digital Society, Technology and Public policy, etc.
3. Leverage the young age and small size of the University to innovate rapidly and stay ahead of the curve in terms of programs, disciplines, pedagogy such as the Olin style of Project Based Learning, having banking and fintech as specializations in BBA, etc.
4. Increase the post-graduate and doctoral student pool significantly with growing reputation and Institutional maturity.
5. Make global higher education accessible to more students in India by forging more of innovative meaningful partnerships such as with University of Massachusetts, Amherst, USA and University of Birmingham, UK.
6. With increasing flexibility offered by UGC in the space for online education, offer high-quality online and hybrid education programs tailored to a large number of Indian students, expanding their accessibility to quality education.
7. With online and just-in-time education becoming important, and people less reluctant to leave jobs for long periods to undertake a master's program, we should expand executive education programs to offer specific courses for working professionals, not just in management, but also in fields like AI, Data Science, Cyber security, etc.
8. Strengthen alumni initiatives as the body grows in size as well as stature.
9. Grow as an innovation hub supporting a large of startups and MSMEs.
10. Grow as a reputed faculty development hub, and as a centre of excellence for project based learning in the region.

### **Institutional Challenge**

1. Faculty recruitment remains the biggest challenge in the success of every university and JKLU is not an exception. The number of people doing PhD in good institutions is only a fraction of the combined requirements of the universities.
2. The pandemic has created uncertainties about the future. Navigating the post-Covid world will be a challenge for the university. For example, it is not clear how popular would the new online programs offered by IITs will be and whether it will have an impact on admissions in other universities. So while online provides us with an opportunity to bring about exciting and innovating changes to the education models, it is also a challenge.
3. Uncertainty around regulatory issues bring about its own challenges. While most changes in regulations have been positive, it is not clear how the proposed changes to the regulatory structure would impact the university.
4. Financing the research agenda is a challenge. With the increase in the number of universities, and a very large increase in centrally funded institutions over the last two decades, the availability of research grants to private universities is on the decline. Financing the research agenda from tuition income would drive the tuition upwards which will make the education inaccessible and defeat the very purpose of a university's existence.
5. With online and just-in-time education, sustaining Master's programs will be a challenge and without Masters programs, sustaining PhD programs will become a challenge. This can potentially impact research as well as finding suitable faculty over the longer term.
6. The area around the university (like the Software Export Zone) has not developed as was envisaged 10-15 years ago. This has implications for growth like availability of public transport, water supply, availability of quality residential properties nearby and access to schools for children of faculty and staff nearby.

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

JKLU puts intense efforts into preparation of course curricula, practicing comprehensive and standardized procedures for designing and revising the courses. The Department Council comprising all faculty members of the Department prepares a course structure and detailed syllabi including evaluation scheme following the guidelines of regulatory bodies like AICTE and professional bodies like IEEE, ACM, etc. The syllabus of each course is designed keeping in mind industry requirements, well-defined Course Outcomes, Program Outcomes and Program Specific Outcomes. Focus on making students capable of life-long learning, equipping them with basic concepts, imbibing knowledge of new cutting-edge technologies with hands-on approach, and adoption of continuous evaluation scheme for assessment has been the way of delivery at JKLU. The curriculum is finalised by the Board of studies and approved by Academic council. IQAC plays an active role in ensuring adherence to well-defined processes related to curriculum design, development, and delivery.

JKLU offers 250-300 courses every year. Nearly 80% of these have a focus on employability, entrepreneurship, or skill development. Nearly 50% of these courses were introduced in the last 5 years. The University offers value-added courses every semester and encourages them to pursue MOOCs from platforms like Swayam,

Coursera etc. The University has integrated pertinent courses in areas like Professional Ethics, Gender Issues, Human Values, Environment, and Sustainability. Students are sensitized on community issues by encouraging them to participate in various social projects. Students develop the capacity to identify problems, critically analyze the purpose of solving a particular problem, practice autonomy by systematically deciding what technology to use as solutions, relate the problems with real-world projects, and develop competencies while working with peers.

The University has a structured feedback system for all its students. Online administration of the feedback is done by IQAC through the University's ERP system at least once every semester where students respond to various dimensions of the teaching-learning process. Feedback from other stakeholders, such as faculty, alumni and employers are solicited and acted upon through various mechanisms that include Open House Meetings, Faculty Meetings (Area-level/Institute-wise/Department-wise), BoS meetings/AC meetings and meetings of other bodies ensuring adequate representation of all stakeholders.

### **Teaching-learning and Evaluation**

JKLU comprises of three institutes – Institute of Engineering and Technology, Institute of Management, and Institute of Design. Presently, it is a small university having around 600+ students and 60+ faculty members. It cater to students from 20+ States and UTs of India, with 28% girls. Faculty to Student ratio across the university is 1:11. More than 70% of faculty have PhD degree and 70% have at least one degree from most respected institutes in India. Average teaching experience of full time teachers in the same institution at JKLU is more than 4 years.

JKLU follows a transparent admission process through online registration, wherein the program details and fee structure are available on website and in the prospectus. The fee is accepted through online transactions. Extra classes are conducted for slow learners. A student can improve his/her grade through re-registration in the course running in a regular semester. The University provides Credit Exchange Programs to advanced learners to study a semester abroad or at other Indian universities of high academic repute. The University practices a mentoring based education system. JKLU is associated with 'Your Dost' to focus on fostering students' mental wellness by helping them deal with issues related to their personal, professional, and academic life.

More than 60% courses have project as an essential component. Capstone as well as minor projects are an integral part of the University curriculum. Collaboration with GeeksforGeeks, TalentSprint, UiPath are forged to engage students in solving live problems. There are also intensive thematic weeks by experts from diversified areas.

Evaluation process is transparent and objective. Students are shown their answer books and made aware of marking scheme. This has minimized grievances arising after the declaration of results. Examination system is fully automated through the ERP system. End semester results are declared within a few days after the completion of exams. 99% students complete their programs on time. Program Outcome attainment is based on Course Outcome attainment calculated from continuous and comprehensive assessments. All programs offered by JKLU meet the expected levels of attainments.

## Research, Innovations and Extension

Research is the focus of JKLU following its mission statement, “Pursue research that leads to innovation and enhance real-life applications”, for which it increased facilities, with thrust on interdisciplinary research; innovation being the key to provide effective, affordable solution to several problems of society.

For successful implementation of research agenda, JKLU has taken several initiatives which includes Research Policy, Chancellor’s seed money project grants for faculty, professional development allowance for participation in conferences/workshops, academic allowance, industry linkages, research collaboration with other Institutions/Industries, incubation and innovation ecosystem, full time research fellowships, Awards/incentives to faculty and students, besides instrumentation centre, art gallery, business lab, and access to research/statistical databases.

Innovation ecosystem promotion has placed JKLU among first three Universities to be awarded Atal Incubation Centre (AIC) in Rajasthan, E-Cell at the University by Govt. of Rajasthan, 35 start-ups including 13 startups from students and alumni. Moreover, JKLU is the only Institutions Innovation Council (IIC) in Rajasthan to achieve 5 Full Star rating and among 6 top IICs in North West region for the year 2019-20. JKLU has an Agreement with CICE, Carleton University, Ottawa, Canada to promote and collaborate on innovation driven entrepreneurship, besides conducting 83 workshops/seminars on research methodology, IPR and skill development and achieving 37 awards and recognitions for research and innovation.

JKLU has achieved 37 awards/recognitions for research and innovation besides 20 utility and design patents, 183 journal publications and 139 book/conference publications; 161 publications in Scopus/Web of Science indexed journals with 716 citations, with more than 3.5 publications per faculty in journals/conference proceedings/books with H-index: 15, e-content on LMS, YouTube, etc.

JKLU undertakes consultancy and sponsored research assignments, revenue sharing in consultancy, MOU with JSCMS to promote stainless steel in architecture, and corporate training for 11 companies. Extension activities in education, environment, disaster relief and health are promoted. JKLU has more than 50% students’ engagement in 71 extension activities and received 17 awards/recognitions by reputed agencies. JKLU has signed 50 MoUs and has more than 400 linkages with Industries, Institutions and Societies - more than 500 activities conducted under these collaborations

## Infrastructure and Learning Resources

60% of University’s campus area is landscaped to provide beauty and serenity. JKLU has 57 state-of-art laboratories. Workstations with updated configurations are available. Faculty, staff are provided laptops. JKLU is Wi-Fi enabled with ILL and the IT infrastructure is predominantly based on cloud computing services. JKLU has 100% power backup. Adequate facilities are provided for cultural activities, yoga, games and sports for holistic development. Facilities are available to cater national/international level events and in-house activities; total playground area is 17,818 sq.m. Activities are conducted through 14 Students’ Clubs. Campus has 24 hours electricity and water supply, full back up by silent DG sets, round the clock perimeter security with camera surveillance.

The Library, housed in a multi-storey centrally located, air-conditioned building, spread over 768.8 sq. m is automated using Integrated Library Management System. A special feature of the library is MP Ranjan Design Resource Centre. Library subscribes to major e-resources like IEEE, EBSCO Business Source Elite, ProQuest

DELNET Collection besides subscribing to national and international print journals & magazines e-journals, e-books, e-Shodh Sindhu, Shodhganga, etc. Similarity checks are conducted using plagiarism detection softwares Turnitin and Urkund. E-resources are available online to users through OPAC.

JKLU has an IT Policy and makes budgetary provision besides updating IT facilities. Campus has centrally managed, VLAN based over 800+ Gigabit LAN points along with 88 Dual band 802.11 AC series Wi-Fi Access points with SZ 100 WLAN controller. There are more than 279 computers and workstations for students (computer student ratio = 1:2). Virtualized Server infrastructure (36 processing core and 192 GB of RAM) using IBM X 3650, 6 physical, 12 virtual servers and 60 VDI. Office 365 Licenses are provided for all students with 2 TB cloud storage per user. E-Governance is based on TCS iON ERP system for academic and administrative functions. Identity based UTM secured 255 Mbps total Internet bandwidth (from two different service providers) is in place through optical fiber. Cloud based Endpoint protection for all computers and laptops are provided. JKLU has established robust systems and procedures for maintaining and utilizing support facilities like laboratory, library, sports, computers, classrooms.

### **Student Support and Progression**

The University envisages to make the students life ready. Over the years, the JKLU has evolved measures for students' holistic growth and development by providing many platforms supporting student progression in curricular, co-curricular and extra-curricular activities to nourish the skill and talents by bringing the best out of them. The prospectus containing the different student scholarships and student services is given to those who aspire to join JKLU. Best academic performers of the semester are provided scholarships on their tuition fees, as a reward for their excellence. More than 25% students get scholarships. The placement cell of the University guides and conducts career counselling activities through expert sessions, mock interviews, and imbibing interview etiquettes. They provide career opportunity by driving on and off campus placement interviews. In the last 5 years, 55% students have been placed immediately on their graduation. Students are motivated for higher education and faculty provide free classes, counselling and guidance for preparing students for CAT, GMAT, GATE, MAT, etc. Nearly 10% students proceed for higher education.

JKLU has established committees and policy guidelines, and procedure for dealing with grievances of student related to ragging, discipline and sexual harassment. JKLU established its first student council at University in the year 2018, with a goal of empowering students to lead various student related events and activities. There are 14 student clubs operating at the University covering both technical and cultural aspects of student skill enhancement; Coding club, Photography club, Robotics club, Design club, Drama club, Dance Club, Music club, Literary club, that are responsible for organizing various activities. Nearly 40 such events are organised every year. The Student Council at JKLU suggests improvement in curricular, co-curricular, and extra-curricular activities, besides managing various student clubs, national sports festival SPARDHA and national cultural festival SABRANG.

The JKLU Alumni Association, provides a platform for networking, knowledge sharing, internships/placements, quality assurance, and societal support. The Alumni association at JKLU meets at least twice in a year which helps in creating awareness about the University in the corporate sphere and guides in reshaping the academic and other activities of the University.

### **Governance, Leadership and Management**



JKLU's Board of Management takes the strategic decisions. The Board of Academic Advisors guides the university in various initiatives. The Academic Council is the apex body that takes all important policy level academic decisions related to regulations, curriculum, examination, etc. It is supported by the inputs of Boards of Studies on aspects related to curriculum and examination. The Research Advisory Board advises on new research initiatives and policies. Vice Chancellor is the CEO of the university. Faculty and staff are assigned with roles and responsibilities to work in harmony. JKLU provides financial assistance to faculty for strengthening research activities, publications, and patent filing. Nearly 70% faculty members have been provided with financial support to attend conferences / workshops and towards membership fee of professional bodies and nearly 25% faculty have attended some FDP program in the last 5 years. More than INR 60 crore have been received in the last 5 years as grant from various non-government sources.

JKLU focusses on quality by providing excellent infrastructure, conducive learning environment and harmonious work culture. Feedback from all stakeholders play vital role in framing policies. JKLU has developed a culture of shared authority and responsibility, enabling internal leadership development through decentralization of authority and a participative approach to decision-making.

Faculty are given autonomy to select their key performance indicators in collaboration with their reporting officers. The University has a meticulous Research Policy, revenue sharing schemes for consultancy, seed money for research projects, differential teaching load, work from home facility, travel allowance, academic allowance, conference allowance, perks and perquisites, and campus accommodation. JKLU emphasizes women representation at all levels. JKLU Fraternity Club organizes several cultural and sport events for staff, their spouses and children.

The Accounts section of JKLU plans financial matters. Based on requirements from Institute Heads, they prepare academic and administrative budget. There is regular quantitative and qualitative feedback of teaching-learning process, self-appraisal by faculty and staff, participative functioning style and decision making in various academic and administrative matters. The IQAC works with all constituents of the University providing support on quality initiatives related to academics, incentives, research, and administration.

### **Institutional Values and Best Practices**

JKLU offers the students an open and high-tech learning environment. Faculty is highly motivated towards fulfilling its responsibilities as responsible citizens and promote sustainable use of natural resources. Energy audit, Environment audit and Green audit of the campus are conducted with the help of internal faculty, administrative staff and external professional agencies. Tree plantation drive is carried out on regular basis by Community Development Committee (CDC) of JKLU students.

To make the campus sustainable and to conserve the resources various steps such as installation of roof top solar plant and biogas plant, construction of rain water harvesting system and vermin- compost pit, use of sewage-treated water for gardening, sensor based electrical fittings, use of LEDs, safe E-Waste disposal system are undertaken by the University. Carbon footprints are reduced through restricted entry of vehicles within the campus and e-governance to minimize paper usage.

JKLU believes in the utmost importance of inculcating the right values in students for which several measures have been taken to promote value-added education. JKLU promotes gender equity through sensitization programs, encourages an inclusive environment promoting tolerance, harmony and respect for diversity and sensitizes students and employees towards constitutional obligations. The University celebrates national and

international commemorative days, events, and festivals, besides conducting awareness programs for prescribed code of conduct for students, staff, and faculty.

Best practices at JKLU include a (1) Centre of Communication and Critical Thinking offering common courses promoting communication, decision making, group work, and critical thinking and (2) Industry & Community in Classrooms; working with students alongside their programmes through credit courses, communication lab, and by organizing events. Industry and Community in Classrooms enable the industry practitioners to bring their knowledge and abilities into the classroom, enriching the experience of the students and motivating them to seek training through further education.

NAAC

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the University	
Name	JK LAKSHMIPAT UNIVERSITY
Address	Near Mahindra SEZ, Mahapura, Ajmer Road
City	Jaipur
State	Rajasthan
Pin	302026
Website	<a href="http://www.jklu.edu.in">www.jklu.edu.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	Roshan Lal Raina	91141-7107501	9935831486	91141-7107516	vc@jklu.edu.in
IQAC / CIQA coordinator	Sanjay Goel	91141-7107504	9313651544	91141-7107515	director.iet@jklu.edu.in

Nature of University	
Nature of University	State Private University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	15-09-2011
Status Prior to Establishment, If applicable	

<b>Recognition Details</b>		
<b>Date of Recognition as a University by UGC or Any Other National Agency :</b>		
<b>Under Section</b>	<b>Date</b>	<b>View Document</b>
2f of UGC	02-12-2011	<a href="#">View Document</a>
12B of UGC		

<b>University with Potential for Excellence</b>	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

<b>Location, Area and Activity of Campus</b>							
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>	<b>Programmes Offered</b>	<b>Date of Establishment</b>	<b>Date of Recognition by UGC/MHRD</b>
Main campus	Near Mahindra SEZ, Mahapura, Ajmer Road	Rural	30	434520.3	UG/PG/PG-Diplo ma/Ph.D		

## 2.2 ACADEMIC INFORMATION

**Furnish the Details of Colleges of University**

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	0
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: No
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#### Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	10				16				47			
Recruited	9	1	0	10	12	3	0	15	23	13	0	36
Yet to Recruit	0				1				11			
On Contract	3	0	0	3	2	0	0	2	2	1	0	3

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned				49
Recruited	28	18	0	46
Yet to Recruit				3
On Contract	86	25	0	111

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned				22
Recruited	22	0	0	22
Yet to Recruit				0
On Contract	4	0	0	4

**Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	6	1	0	10	3	0	10	8	0	38
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	11	3	0	14

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD	1	0	0	0	0	0	0	0	0	1
Ph.D.	1	0	0	1	0	0	1	0	0	3
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	1	0	0	1	0	0	0	1	0	3

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

**Distinguished Academicians Appointed As**

	Male	Female	Others	Total
Emeritus Professor	0	0	0	0
Adjunct Professor	0	0	0	0
Visiting Professor	28	11	0	39

**Chairs Instituted by the University**

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Institute of Engineering and Technology	Nil	Nil
2	Institute of Management	Nil	Nil
3	Institute of Design	Nil	Nil

**Provide the Following Details of Students Enrolled in the University During the Current Academic Year**

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	305	96	1	0	402
	Female	115	40	0	0	155
	Others	0	0	0	0	0
PG	Male	15	18	0	0	33
	Female	15	3	0	0	18
	Others	0	0	0	0	0
PG Diploma recognised by statutory authority including university	Male	0	1	0	0	1
	Female	1	3	0	0	4
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	14	11	0	0	25
	Female	19	2	0	0	21
	Others	0	0	0	0	0

<b>Does the University offer any Integrated Programmes?</b>	No
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#### Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	Nil
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	0
Total Number of Programmes Conducted (last five years)	0

## 2.3 EVALUATIVE REPORT OF THE DEPARTMENTS



<b>Department Name</b>	<b>Upload Report</b>
Institute Of Design	<a href="#">View Document</a>
Institute Of Engineering And Technology	<a href="#">View Document</a>
Institute Of Management	<a href="#">View Document</a>

NAAC

## Extended Profile

### 1 Program

#### 1.1

##### Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
13	10	13	14	14
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 1.2

##### Number of departments offering academic programmes

Response: 3

### 2 Students

#### 2.1

##### Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
658	605	661	663	587
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 2.2

##### Number of outgoing / final year students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
224	135	114	169	128
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**2.3****Number of students appeared in the University examination year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
607	561	582	582	511
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**2.4****Number of revaluation applications year-wise during the last 5 years**

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	6	0	5

**3 Teachers****3.1****Number of courses in all programs year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
287	256	291	297	310
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**3.2****Number of full time teachers year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
59	57	58	56	52
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**3.3**

**Number of sanctioned posts year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
68	65	61	60	57
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4 Institution****4.1****Number of eligible applications received for admissions to all the programs year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
815	1063	751	829	810
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4.2****Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4.3****Total number of classrooms and seminar halls****Response: 34****4.4****Total number of computers in the campus for academic purpose****Response: 279**

## 4.5

**Total Expenditure excluding salary year-wise during last five years ( INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
954.01	1088.70	1211.06	1161.72	2055.42

NAAC

## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curriculum Design and Development

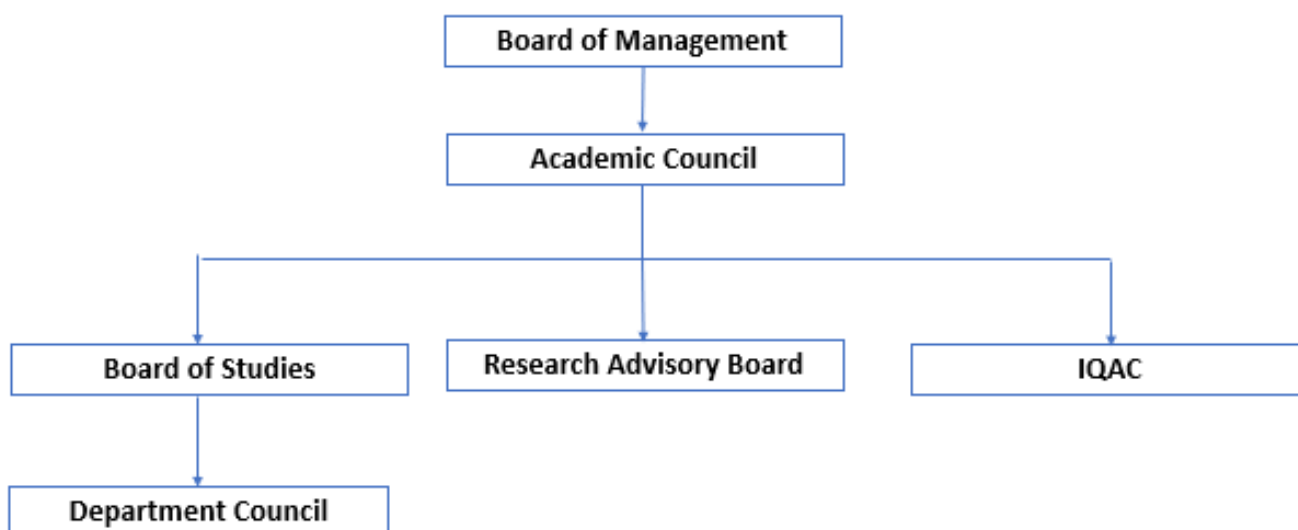
**1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.**

**Response:**

JKLU since its inception has put intense and informed efforts in preparation of course curricula of offered programs. Program Outcomes of each program are well defined, articulated, and mapped in alignment with vision, mission of the University, and lifelong learning requirements of the students.

The university is reimagining education and is active in introducing new ways of learning, with a focus on critical new skills, embedding it with entrepreneurialism and dynamism; seeding it with curiosity and modern-day technology, sustainability, ethics, and relevant standards and thus it has been set up as context of Program Specific Outcomes (PSOs). Course Outcomes (COs) of all courses are then designed and defined to meet the requirements of PSO(s) and PO(s). The mapping of each CO of each course is being done with respective PSO and PO.

The curriculum at its base is prepared by the Department Council which comprises all faculty members of the Department. Department Council, post discussion and deliberations, prepare course structure and syllabus following guidelines of recognized regulatory bodies like AICTE and technical bodies like IEEE, ACM, etc. The curriculum is then put forward for inputs of members of the Board of Studies(BoS). The competent apex body empowered to recommend approval to the BoS is Academic Council. IQAC ensures that the BoS and Academic Council have balanced representation from academia and industry. Academic Council and BoS members ensure that the curriculum of every program is contemporary and has relevance to the local/national/regional/global developmental prerequisites.



## Figure 1: Academic Governance Structure

Figure 2 showcases Learning schema of JKLU which describes a carefully designed holistic approach built around innovative themes and learning-by-doing, that provides depth in the core domain along with breadth of perspective to develop students into successful professionals. Credit-driven Internships like Practice School-I, Practice School-II for Students of Engineering, and Summer Internships for Management students help to get good exposure to contemporary industrial trends, innovations, and implementation of different technologies. Well-crafted courses like Computational Data Analytics, Design and Prototype, Fundamentals of Automation, Computational Engineering Analysis, IoT and Automation Projects, Artificial Intelligence, Intelligent Automation, Design Thinking, Systems Thinking, Entrepreneur & Entrepreneurship, Idea to Business Model, Business Model to Product-Market Fit reflects exemplary innovation in strive of the university to inculcate updated, relevant and interdisciplinary curriculum and aim of university to prepare resource personnel as per industry demands.



## Figure 2: Learning Schema at JKLU

Learn by doing, experimenting, applying classroom concepts to real-world challenges is the well-adopted wave at the university to develop an innovative and entrepreneurial mindset. Students analyze the purpose of solving problems, practice autonomy by deciding what technology to use as solutions, relate the problems with the real-world project(s), and develop competency while working with peers. The University has established the Center of Communication and Critical Thinking to stimulate, foster, and

nurture Problem Solving and Professional Communication and Decision-making skills. The design and delivery of these courses ensure generousness, confidence, and commitment amongst students so that they can contribute to industry and society as global and responsible citizens.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

### 1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

**Response:** 77.78

#### 1.1.2.1 How many Programmes were revised out of total number of Programmes offered during the last five years

Response: 21

#### 1.1.2.2 Number of all Programmes offered by the institution during the last five years.

Response: 27

File Description	Document
Minutes of relevant Academic Council/BOS meeting	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Details of Programme syllabus revision in last 5 years	<a href="#">View Document</a>

### 1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

**Response:** 47.42

#### 1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
150	140	120	130	140



File Description	Document
Programme/ Curriculum/ Syllabus of the courses	<a href="#">View Document</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View Document</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## 1.2 Academic Flexibility

<p><b>1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</b></p> <p><b>Response:</b> 46.98</p>	
<p><b>1.2.1.1 How many new courses were introduced within the last five years.</b></p> <p>Response: 677</p>	
<p><b>1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.</b></p> <p>Response: 1441</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meeting	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

<p><b>1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).</b></p> <p><b>Response:</b> 100</p>	
<p><b>1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.</b></p> <p>Response: 13</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meetings	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## 1.3 Curriculum Enrichment

### 1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum

#### Response:

To encourage deep intellectual, spiritual and moral stimulation, JKLU has made a deliberate effort to introduce cross-cutting topics related to gender, climate and sustainability, human values, and professional ethics into the curriculum. Students must recognize human values and follow professional ethics in their area. In addition to classes, an important part of the university's ideology is to build knowledge of these crucial problems. These courses and activities seek to build skills and expect students to apply by becoming responsible and aware in professional and personal lives.

JKLU offers opportunities for girls to inspire and take lead in activities. Every year, the university celebrates International Women's Day to raise awareness about gender-related issues. JKLU accepts gender equality as one of the core elements of building stronger communities. The university ensures that women students participate in intra-institutional and inter-institutional competitions.

On the suggestion of IQAC, most of the courses offered by the Institute of Engineering and Technology have integrated sustainability-related topics s one or more learning goals, sustainability has been included in several of the IET courses. Projects such as Advance Highway Materials -Designing safe pavement building materials are an integral part of the curriculum. The current situation needs thought and consideration on how to achieve economic, health, and social structures that are cohesive, sustainable, inclusive, and resilient. How responsible business change and growth can be implemented and accelerated and how smart strategies for sustainable development can be accelerated by harnessing design and technical advances. For the last eight years, apart from the courses, the university has organized an international conference on the theme of sustainable growth as it recognizes that "Development that meets the needs of the present without sacrificing the capacity of future generations to meet their own needs" is the only way forward for humanity.

Caring for people is one of core values of the university as the attribute of empathy for others is important to cultivate because it is essentially the right thing to do and encourages one to empathize with others and take responsibility for them.

The philosophy of university is that human values are developed not much as a consequence of open preaching or teaching in the classroom, but rather by sharing real experiences and responsibility for life. The students are required to complete a social project as part of their curriculum requirement. A social project prepares students within their classroom, community, and beyond in order to recognize, organize and carry out solutions to problems. The aim is to indulge in active citizenship through reflective, cooperative, critically engaging, and responsible action.

Apart from this, students are given a course called Social Ethical and Emotional Learning to ensure that students grow social, ethical, and emotional elements in them. The course is an effort to improve training in focus, compassion and ethical discernment, thinking about processes, and building resilience. In addition, a course on ethics and human principles seeks to help students recognize the importance of principles and ethics at the level of individuals and communities.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	<a href="#">View Document</a>

### 1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 68

#### 1.3.2.1 How many new value-added courses are added within the last five years.

Response: 68

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Brochure or any other document relating to value added courses	<a href="#">View Document</a>

### 1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 52.97

#### 1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
370	543	361	226	177

### 1.3.4 Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

Response: 96.05

#### 1.3.4.1 Number of students undertaking field projects or research projects or internships.

Response: 632

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 1.4 Feedback System

<p><b>1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni</b></p> <p><b>Response:</b> B. Any 3 of the above</p>	
File Description	Document
URL for stakeholder feedback report	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View Document</a>

<p><b>1.4.2 Feedback processes of the institution may be classified as follows:</b></p> <p><b>Response:</b> A. Feedback collected, analysed and action taken and feedback available on website</p>	
File Description	Document
URL for feedback report	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Demand Ratio (Average of last five years)

**Response:** 1.93

##### 2.1.1.1 Number of seats available year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
391	353	478	500	620

#### File Description

#### Document

Demand Ratio (Average of Last five years) based on Data Template upload the document

[View Document](#)

• Any additional information

[View Document](#)

#### 2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years (Excluding Supernumerary Seats)

**Response:** 0

##### 2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

#### File Description

#### Document

Average percentage of seats filled against seats reserved (Data Template)

[View Document](#)

### 2.2 Catering to Student Diversity

#### 2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

**Response:**

JKLU is redefining education and strives to be the most innovative higher educational institution by bringing learning and innovation at the intersection of design, engineering, and management.

The University creates a favorable learning eco-system for newly inducted students by organizing induction programs. This develops a sense of belongingness, resulting in the best learning experience, and unlocks the inner potential of an individual to its maximum.

### **Mechanism of Assessment of Learning Level**

The university's constituent institutes have evolved a dynamic mechanism of continuous and final assessment. Students at the University are being assessed through tests, assignments, presentations, quizzes, seminars, classroom discussions, write-ups, labs evaluation and provide feedback for future improvement.

The end-of-term evaluation is a mandatory component of students' final assessments, mostly in the form of written exams and projects.

### **Initiatives for Slow Learners**

- Students and parents are shared feedback periodically and appropriate measures are taken in the same direction.
- Remedial classes are conducted as per the requirement.
- Re-test is given at the end of each semester to ensure that student get another chance to complete the course on time.
- Re-registration for certain subjects in regular semester in order for students to improve their marks.
- The university uses a mentoring-based education approach, as proposed by JKLU-IQAC. Each student is assigned a faculty mentor to help them with personal/academic challenges, academic growth, and overall well-being.

### **Initiatives for Advanced Learners**

- Meritorious students are encouraged to harness their full potential through special opportunities provided to them such as scholarships, awards, honor lists and other recognition.
- The university has fostered the UGC-recommended Choice Based Credit System for students by providing a variety of open electives in cross-functional areas at Management, Engineering, and Design schools.
- Students can earn extra credits by taking up courses from various MOOCs platforms.
- University provides Credit Exchange Program enabling students to study a semester abroad in the universities of academic repute.
- University facilitates coaching for various competitive exams for the students by making flexible time table.

### **Initiatives for Holistic Development of Students**

- Different departments of the university organize programs on critical thinking, motivation, technical skills, leadership skills, mental well-being etc. through guest lectures, workshops, seminars and field visits.
- The University stretches its support to students by providing an opportunity to work on their start-

up as their internship and get support through AIC and IIC, established in the University.

- Creation of opportunities for students to develop cutting edge capabilities, working with industries and expanding horizons through research.
- JKLU in association with 'Your Dost', focuses on fostering students' mental wellness by helping them deal with issues related to their personal, professional, and academic life.

One of the most important part of experience of a student's life at JKLU is his/her engagement in numerous student-led activities, clubs and events. Students are the key drivers of clubs and activities on the campus, and are responsible for designing, deliberating and implementing various initiatives. Main objective of these clubs is to develop student's skills outside the walls of their classroom.

File Description	Document
Upload Any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

### 2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)

**Response:** 11:1

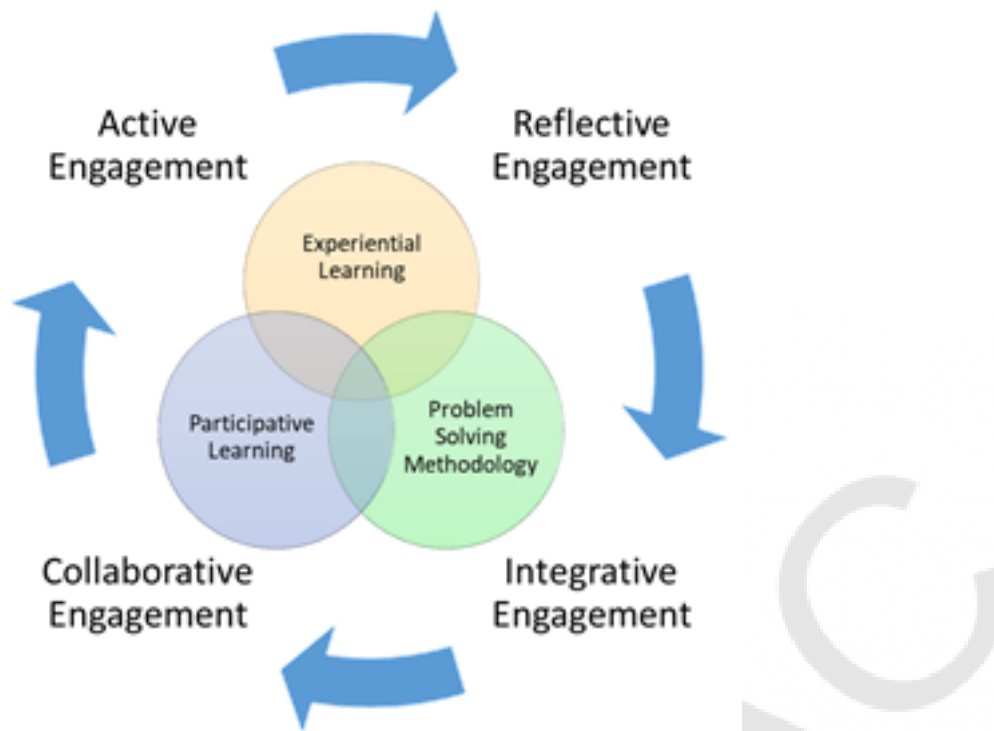
File Description	Document
Any additional information	<a href="#">View Document</a>

## 2.3 Teaching- Learning Process

### 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

**Response:**

Following the mission of the university to practice teaching that inculcates critical thinking and problem solving, it has developed value driven pedagogical model to ensure quality in all its teaching-learning processes. Institution values of *Caring*, *Integrity* and *Excellence* are the core of this model depicted in Figure 2.3.1.1.



**Figure 2.3.1.1 Pedagogical Model at JKL**

The student centric pedagogical approaches of *experiential learning*, *participate learning* and *problem-solving methodology* are adopted and applied through Project Based Learning (PBL) method. These approaches are implemented through multi-dimensional student engagements integrating active engagement, reflective engagement, integrative engagement and collaborative engagement.

### **Project Based Learning**

- Under the guidance of the Olin College of Engineering in Boston, Massachusetts, the university implemented Project Based Learning (PBL).
- Re-designed classroom in the form of Design Studio.
- More than 60% of courses include a project as a required component.
- Capstone and minor projects are required as part of the University curriculum.

### **Active Engagements**

Engaging in problem solving activity and proactively adding content to the discourse of learning.

- Problem solving is an essential component in the courses at the University.
- Students are working on problems related to societal issues or needs.
- Laboratories and workshops are used by all students for hand-on practice.
- Collaboration with GeeksforGeeks, TalentSprint, UiPath to engage students in solving live problems.

### **Integrative Engagements**

Integration of various ideas and diverse perspectives helps in developing systems thinking and creativity:



- Sustainable Development Goals are made as focus area for project-based learning.
- Unique integrated common engineering courses, e.g., courses combining mathematics with different engineering disciplines as well as courses combining different engineering disciplines.
- Intense thematic weeks by experts from diversified areas.

### **Reflective Engagements**

Expanding one's vision and thought so that they can make decision in a way that outcomes improve in the future or even in the present.

- Exposure to design thinking principles.
- Engaging undergraduate students in research.
- Classroom discussions.
- Case study, seminars and presentations.
- Peer evaluation.

### **Collaborative Engagements**

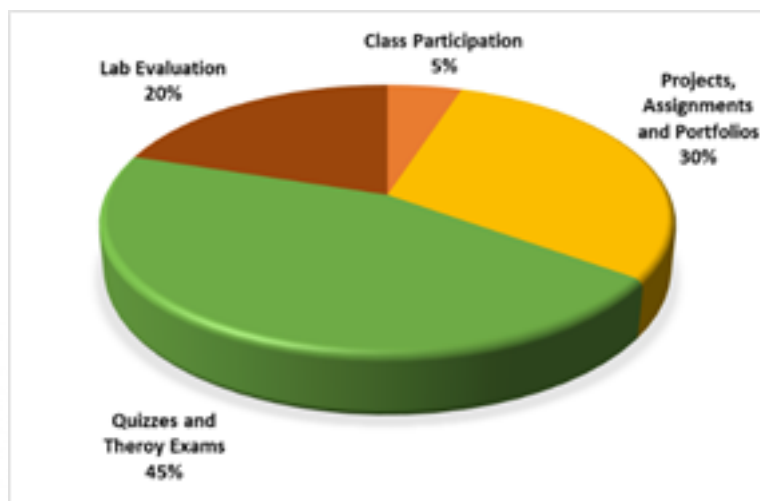
Pro-actively collaborating with others to solve problems:

- Team based projects and assignments.
- Personality test for team formation with diversity
- Cross-level Peer Mentoring by senior students as mentors in the role of *NINJA*, i.e., *Need It Now, Just Ask*

These methodologies are designed to meet the programme outcomes of various programmes and are reviewed periodically based on feedbacks from students and course instructors.

### **Assessment**

Autonomy is given to faculty members in designing evaluation plan in alignment with above engagements and to ensure attainment of learning outcomes. This plan is shared with students at the beginning of the course. For example, Figure 2.3.1.2 depicts the weights of different evaluation components across all the courses at the Institute of Engineering and Technology in one semester.



**Figure 2.3.1.2 Weight of different evaluation components**

Quality Assurance Cell at the University organizes training and discussion sessions to make the faculty members adaptable to these progressive teaching skills.

Faculty members share their experiences among peers and academic community through presentations and publications.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

#### Response:

The integration of ICT with teaching and learning has produced significant positive gains at JKLU in learners' knowledge and skills. The ICT enabled teaching at JKLU is facilitated by

- Wi-Fi enabled classrooms with LCD projectors,
- AIMA virtual Business Lab,
- e-learning resources,
- Cloud based videoconferencing facility for online classes and Webinar sessions.
- Internet connectivity with 255 Mbps internet bandwidth through both LAN and Wi-Fi

Collaboration with cloud based office365 E-mail suit, utilizing virtual labs, locating a relevant e-content, having virtual video interactions are now the key competencies of JKLU Faculties. There are more than 6 physical servers, 12 Virtual Servers and more than 60 Virtual Machines running on virtualized server hardware deployed in JKLU Datacenter to support applications.

Expert talks and educational videos support the teaching-learning process. ICT brings abstract concepts to

life by bringing into the teaching and learning the real-world experiences through simulation, modeling, capturing and analyzing real event.

### ICT Tools used by JKLU Faculties:

- **ICT Enabled Classrooms-** The University has 34 modern classrooms equipped with Wi-Fi-Internet, and LCD projectors. Faculty makes use of open educational resources viz. audio, video and webinars also, to support the course content. University has provided individual laptops to the faculty members to support them in teaching-learning process.
- **Online Classes using Video Conferencing-** The University has established lecture theaters well equipped with AV and IT-Enabled resources. Zoom meeting and webinar video conference system has been deployed for live class connectivity.
- **Massive Open Online Courses (MOOCs)-** JKLU students can opt for MOOCs available through various platforms such as Coursera, SWAYAM and NPTEL, and get credits as per their course requirements.
- **Learning Management Systems (LMS)**

**TCSiON-** The university has contract with TCS for using TCSiON services. It provides lot of facility to faculties and students viz. sharing of assignments, teaching notes, discussion board, course files, and conducting online quizzes along with its usage as automated examination system.

### Other tools-

- **CANVAS-** Faculty members are using it to create and share course content, and for assignments, discussions and conducting quizzes. This is also used by faculty members to simplify creation, distribution, and grading of assignments.
- **MS Teams-** This tool is used for real time collaboration with team members during student projects, online document collaboration, chat, polls, video conferencing etc. on Smart phones and Computing devices.
- **Microsoft Forms-** It is used for creating quizzes, surveys, questionnaires, and online registration form for various events and student activities.
- **Virtual Labs-** It helps by Modeling the physical phenomenon by a set of equations and carrying out simulations to yield the result of a particular experiment.
- **Discussion Groups-** Faculties are using discussion groups like Piazza and Slack to facilitate discussion amongst peers on the topics being taught,
- **Visual Collaboration Tools-** Tools like Mural and Miro have been a great support to the teachers at the Institute of Design of JKLU.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide link for webpage describing the " LMS/ Academic management system"	<a href="#">View Document</a>

### 2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed

academic year )

**Response:** 13:1

#### 2.3.3.1 Number of mentors

Response: 52

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	<a href="#">View Document</a>
mentor/mentee ratio	<a href="#">View Document</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

**Response:** 90.82

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	<a href="#">View Document</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.4.2 Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. year-wise during the last five years

**Response:** 70.15

#### 2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
41	40	43	39	35

File Description	Document
List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

**Response:** 4.37

#### 2.4.3.1 Total experience of full-time teachers

Response: 258

File Description	Document
List of Teachers including their PAN, designation, dept and experience details	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years

**Response:** 76.24

#### 2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
7	5	14	12	5

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of award letters (scanned or soft copy)	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

### 2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

**Response:** 23.4

**2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
12	18	29	32	26

File Description	Document
List of Programmes and date of last semester and date of declaration of results	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years**

**Response:** 0.4

**2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	6	0	5

File Description	Document
Number of complaints and total number of students appeared year wise	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**2.5.3 IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution**

**Response:**

The examination section of JKLU is fully dedicated to conduct the examinations in the most efficient manner and ensures fair and effective exam conduct. Maintaining the inviolability of academic expectations and integrity of examination process, the University has adopted different methods of continuous evaluations. These includes quizzes, open book examination, assignment/presentation-based assessments etc.

There are various predefined evaluation components in each of the offered courses in all the programs. With the recommendation of IQAC, JKLU empowers respective course instructors to diligently decide the weightage of each evaluation component depending on the nature and utility of the course. Processing of some of the continuous evaluation components (quizzes, assignments, presentations, etc) is being done in online mode by many faculty members using IT enabled examination system.

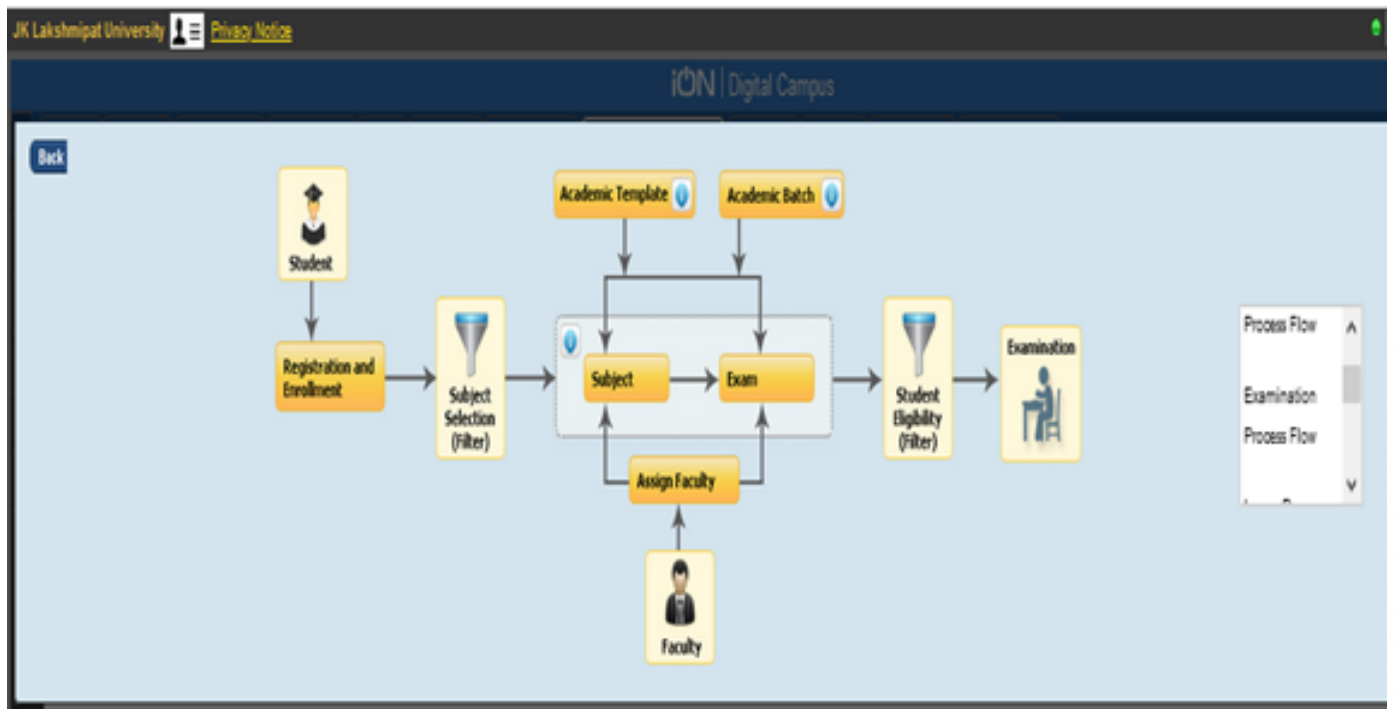
#### **IT integration in the examination system:**

The examination system has been gradually automated. Online student registration, hall ticket issue, result processing including grading (Absolute and Moderated), and result publishing are being done using IT enabled examination system. These jobs are accomplished digitally on TCSiON ERP as per following:

- General guidelines for faculty/invigilators/Exam Superintendent/Students
- Configuration of the examination setup master and evaluation components on the Examination module.
- Capturing of marks by course instructors in order to issue course grades in accordance with the predefined grading structure.
- Declaration of the results of all assessment components, such as quizzes, assignments, midterms, and finals.
- Publishing the processed grades and SGPA. After publishing, students can view their result on their respective TCSiON ERP account immediately.
- Students may apply for revaluation/ backlogs.
- Examination related help file is uploaded for self-answering the queries of the students/faculties.
- TCSiON ERP mobile App "mTOP" is also available. Students can get all the academic related information instantly through it.
- Various Examination-related notices are shared on JKLU official Student's group email IDs from time-to- time.

**Credit assignment for MOOC Courses:** Online courses encourage self-learning and enhance the knowledge and skills of the students in emerging areas. The JKLU students are allowed to opt online courses as credit-based courses, run under curated mode, through various MOOC platforms such as Coursera, SWAYAM, and NPTEL. This has paved the way for students to earn credits by choosing courses especially of interdisciplinary nature from the best online resources with optimizing their time.

#### **Pictorial view of IT integration in the examination system at JKLU:**



File Description	Document
Year wise number of applications, students and revaluation cases	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

**2.5.4 Status of automation of Examination division along with approved Examination Manual**

**Response:** 100% automation of entire division & implementation of Examination Management System (EMS)



File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	<a href="#">View Document</a>
Current Manual of examination automation system	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Annual reports of examination including the present status of automation	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

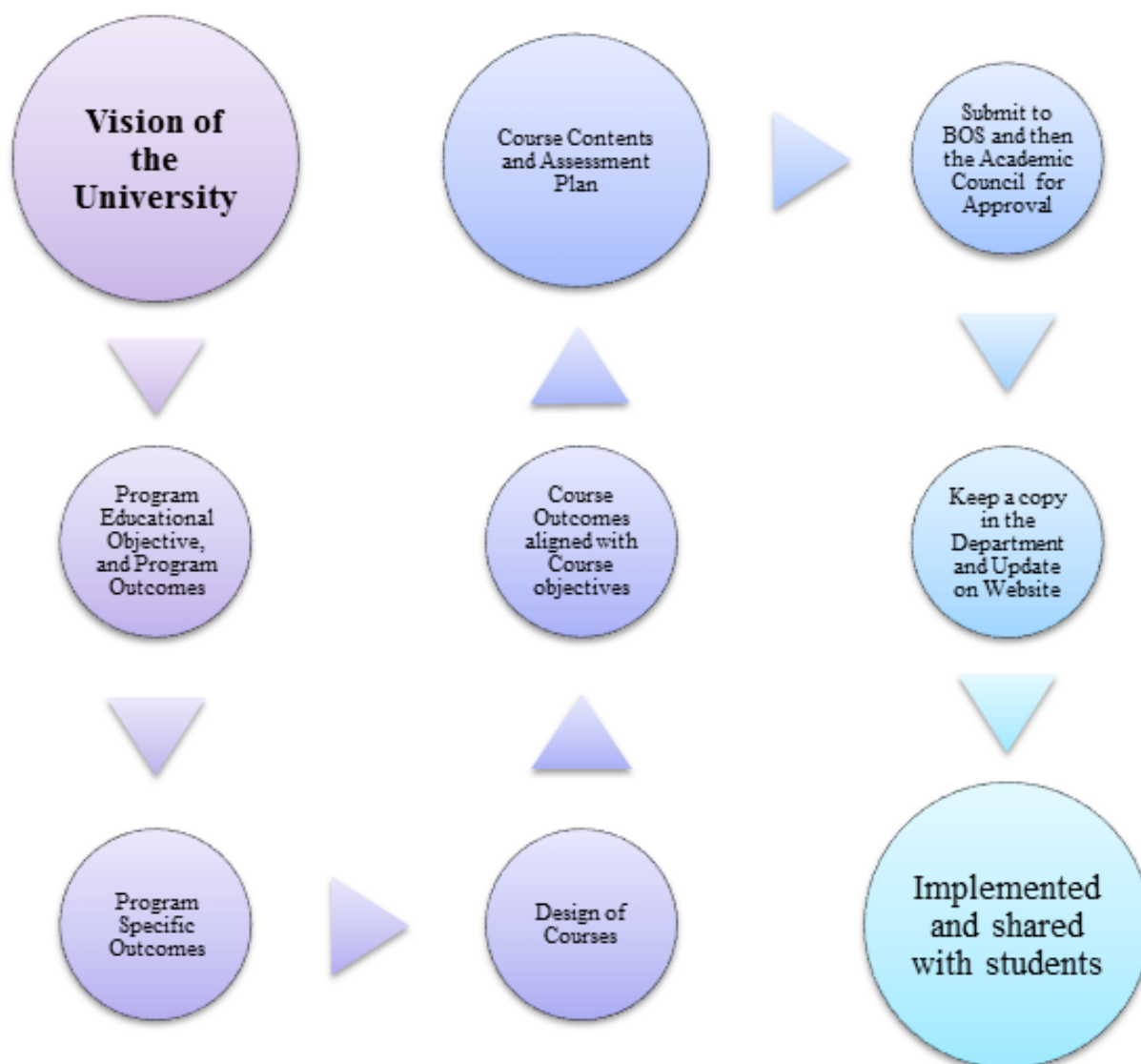
### 2.6.1 The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

#### Response:

The University's holistic education is intertwined with innovation, critical thinking, research, and real-world applications. It fosters excellence in professional achievement among students and develops them into responsible citizens with a strong sense of worth who care about society.

- Programme Educational Objective, Program Objectives and Programme Specific Outcomes of programs, and Course Outcomes of the courses are characterized, articulated and planned in line with universities' vision, regulatory bodies' standards and global requirements of employers. The PEO, POs, PSOs and COs are prepared in a participatory way, by the faculty members under the guidance of IQAC of the University and external experts.
- The University has launched and executed the programs in a planned and systematic way. After having defined PEO, the Objectives of a program are defined at the time of finalization of nomenclature of the program. The program outcomes are inherited from program objectives. The Program specific outcomes are characterised by the specific competencies.
- Based on the program objectives and outcomes, structure of courses in a program is planned. The course objectives as well as course outcomes are defined for all the courses. Thereafter, courses are framed with syllabus and assessment plan. The courses as well as the detailed curricula are designed in such a manner that the course objectives in particular, and program objectives and outcomes in general, are fulfilled.
- The Course Outcomes of the courses are prepared by using the Bloom's taxonomy aligned with course objectives. Faculty council finalizes the Course Description of courses with CO-PO maps to put-up at Boards of Studies and Academic Council of the University for their approval.
- The PEO, POs and PSOs of each program, and Course Description of all the courses are printed in the syllabus for prepared reference of the faculty members and students. Hard copy of the syllabus, in print form, is made available in the departmental office. The POs, PSOs, and COs are displayed on the University website, and also available in the student's course file.
- The orientation program at the start of new sessions, clearly sets the objectives of the program to students. They become aware of the vision and mission of the University, and the key expectations

from them. The students are made aware of POs and COs through respective course coordinators also in his/her session and uploaded on LMS for student reference.



File Description	Document
Upload COs for all courses (exemplars from Glossary)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste link for Additional Information	<a href="#">View Document</a>

### 2.6.2 Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution

**Response:**

JKLU employs a continuous assessment system that incorporates both formative and summative assessments. The evaluation plan includes numerous components in each of the programs' courses. Appropriate components for the evaluation method are determined based on the nature and type of a course.

Keeping in view of the Program Objectives and Program Specific Objectives, courses in the programs are designed with properly aligned course outcomes (COs).

- For the evaluation of attainment of POs and PSOs, COs are used. Attainment of COs are evaluated through a proper assessment plan. Question papers/assignments are specifically designed for measuring the accomplishment of defined COs of the courses.
- A threshold value is decided for each one of the courses, and COs in it are attained to a defined level if number of students securing marks greater than or equal to the threshold value is within the set limits. The threshold value ranges between 50% and 70%.

At the University, attainment level of COs has been classified as cited in the following table

Attainment level	Classified as	Criteria
0	Poor	If the percentage of students, getting marks greater than or equal to the threshold value, is less than 15%.
1	Low	If the percentage of students, getting marks greater than or equal to the threshold value, lies in the interval [15, 50).
2	Moderate	If the percentage of students, getting marks greater than or equal to the threshold value, lies in the interval [50, 65).
3	Substantial	If the percentage of students, getting marks greater than or equal to the threshold value, is at least 65%.

Attainments of COs of all the courses are gathered and analyzed to see the attainment of POs and PSOs. The minimum acceptable level (target) of attainment of COs of courses is 2. Keeping this in view, the attainment of POs and PSOs are put, in the same way, in four levels as shown in the table:

Attainment level	Classified as	Criteria
0	Poor	If the percentage of courses that have attained the target value or more is less than 40%.
1	Low	If the percentage of courses that have attained the target value or more is, 40% or more but less than 60%.

2	Moderate	If the percentage of courses that have attained the target value or more is, 60% or more but less than 80%.
3	Substantial	If the percentage of courses that have attained the target value or more is at least 80%.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for Additional Information	<a href="#">View Document</a>

### 2.6.3 Pass Percentage of students(Data for the latest completed academic year)

**Response:** 99.11

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 222

2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.

Response: 224

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste link for the annual report	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:** 2.92

File Description	Document
Upload database of all currently enrolled students	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>

## Criterion 3 - Research, Innovations and Extension

### 3.1 Promotion of Research and Facilities

**3.1.1 The institution's Research facilities are frequently updated and there is a well defined policy for promotion of research which is uploaded on the institutional website and implemented**

**Response:**

Research has been the focus on the University agenda since its establishment. “Pursue research that leads to innovation and enhancement of real-life applications” is one of the mission statements of JKLU for which the University increased facilities in laboratories.

To give adequate thrust and impetus to research, training/skilling, and consulting agenda of the University, Honourable Chancellor, approved the following policy guidelines effective from the academic year 2016-17 circulated by VC office to all the faculty members on June 24, 2016:

1. Chancellor’s Seed Money Project Grants for Faculty
2. Sponsored Research and Consultancy Assignments
3. MDPs, Skill Development Programs and other Training Activities

As a result of these efforts, the University got recognised by the Govt. of India, Ministry of Science & Technology, Dept. of Scientific and Industrial Research as a Scientific and Industrial Research Organisation (SIRO). As we moved forward, these documents were revised and released by VC office in early 2020.

1. Research policy dated February 3, 2020.
2. Guidelines for chancellor’s seed money project grants for faculty dated March 7, 2020.
3. Guidelines for undertaking sponsored research and consultancy assignments dated March 7, 2020.

These policy documents were approved by the Research Advisory Board in the next meeting in October 2020. The research policy has been implemented at different levels and stages of the university administration. For example, new faculty candidate profiles are closely scrutinized for evidence of research capability that includes potential for success in publications of repute, long term achievement in grant of patents, attracting research or consultancy funding. Such contributions are also considered as one of the criteria for promotion of existing faculty.

In support to successful implementation of research policy and agenda, University is providing following facilities to its faculty members:

1. Seed money grant ranging from Rs. 50,000.00 to Rs. 2.50 lacs as financial support to undertake research projects
2. Professional development allowance of Rs. 50,000.00 per year, facilitating them to participate in conferences of high quality at National and International level which can be cumulated till two years.
3. Academic allowance of Rs. 10,000.00 to facilitate them joining reputed academic societies or purchasing necessary items required for academic or research purposes.
4. Providing technological support to faculty members and research scholars as per their research

requirements either in the existing laboratory or by providing them an opportunity in the laboratories of repute under collaboration or help of the members of board of management, academic council, research advisory board or board of studies.

5. Incentives on awards/recognitions by reputed agencies for research work

To enable broad dissemination of the research policy guidelines, it is posted on the university website as well as each and every faculty member has been provided with a copy of the same, and they are also counselled on one-on-one basis periodically. The impact has been considerable increase in journal and patent publications as well as applications for external grant funding. Innovation driven entrepreneurship has also flourished supported by the Atal Incubation Centre funded by the NITI Aayog, Government of India.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
URL of Policy document on promotion of research uploaded on website	<a href="#">View Document</a>

**3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)**

**Response:** 0.78

**3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).**

2019-20	2018-19	2017-18	2016-17	2015-16
3.89	0	0	0	0

File Description	Document
Minutes of the relevant bodies of the University	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.1.3 Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.****Response:** 14.54**3.1.3.1 The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
5	9	12	10	5

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the award letters of the teachers	<a href="#">View Document</a>

**3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.****Response:** 3**3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
0	1	1	1	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.1.5 Institution has the following facilities to support research**

1. Central Instrumentation Centre
2. Animal House/Green House
3. Museum
4. Media laboratory/Studios
5. Business Lab

- 6. Research/Statistical Databases
- 7. Mootcourt
- 8. Theatre
- 9. Art Gallery
- 10. Any other facility to support research

**Response:** A. 4 or more of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	<a href="#">View Document</a>
Paste link of videos and geotagged photographs	<a href="#">View Document</a>

### 3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)

**Response:** 33.33

#### 3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognitions by national and international agencies.

Response: 1

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-version of departmental recognition award letters	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.2 Resource Mobilization for Research

### 3.2.1 Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs).

**Response:** 501.45

#### 3.2.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
0	500	0.95	0.50	0



File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by non-government	<a href="#">View Document</a>

### 3.2.2 Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).

**Response:** 1027.82

#### 3.2.2.1 Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
8.25	995.47	10.00	13.10	1.00

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by government	<a href="#">View Document</a>

### 3.2.3 Number of research projects per teacher funded by government and non-government agencies during the last five years

**Response:** 0.45

#### 3.2.3.1 Number of research projects funded by government and non-government agencies during the last five years.

Response: 10

#### 3.2.3.2 Number of full time teachers worked in the institution year-wise during the last five years..

Response: 112

File Description	Document
Supporting document from Funding Agency	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Paste Link for the funding agency website	<a href="#">View Document</a>

### 3.3 Innovation Ecosystem

#### 3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.

##### Response:

- In 2012, the Entrepreneurship Cell was established to train and inspire students to become entrepreneurs.
- There are 43 start-ups in total, including 10 from JKLU students and alumni (List is enclosed)
- Entrepreneurship and innovation have been incorporated into curricula in order to instill these qualities in students. Several of these courses were developed by the Wadhvani Foundation – NEN. NEN provided training to faculty members to deliver these courses.
- IP Cell is established to encourage, promote and assist in creation of Intellectual Property by faculty, students, and staff of University.
- Workshops, Seminars, Start-up events are organized at University.

##### Government Grant to establish E-cell

- Total Grant: 10.00 Lacs
- Grantor: State Government of Rajasthan under Rajasthan start-up policy 2015
- Purpose: Capital expenditure to establish E-cell the University
- Received: 10.00 Lacs

This E-cell was renamed the 'Center for Entrepreneurship and Innovation,' and its new office was launched on December 16, 2017 by Dr. Rohit Verma, Dean External Relations and Professor at Cornell University's SC Johnson School of Business.

##### Government Grant to establish Atal Incubation Centre

- Total Grant: Rs. 9,95,47,000.00
- Grantor: NITI Aayog, Government of India
- Duration: 5 Years

The AIC-JKLU Foundation was founded as a section 8 company on the JKLU campus. This center has so far incorporated 30 startups, including 8 from university students and alumni. AIC hosted around 150 activities in 2019-20 to help establish an innovation eco-system. The center is also affiliated with the Atal Tinkering Lab, and it has supervised a total of eight student projects thus far. Two student ideas were chosen to be presented to the Hon'ble President of India in 2019.

##### Institution Innovation Council by MHRD, Government of India (Now MoE)

- In 2019, the MHRD, Government of India, approved the Institution Innovation Council.
- A total of 86 activities under the IIC calendar were organized by 13 professor members, staff members, and students.
- The MHRD Innovation Cell designated three faculty members as Innovation ambassadors.
- Only one IIC in Rajasthan and among top six IICs in the North West region has received a five-star performance rating for the fiscal year 2019-20

**Recognition for Scientific and Industrial Research Organisation by DSIR**

- To assist startups, the University created a fabrication center and research facilities on campus.
- Recognized by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India, New Delhi, as a Scientific and Industrial Research Organization (SIRO).

**Letter of Agreement with Canada-India Centre for Excellence (CICE)**

- Signed Letter of Agreement with the CICE, Carleton University, Ottawa, Canada to promote and collaborate on innovation driven entrepreneurship.
- The Dean (R&D) of JKLU, who has completed Phase 3 of the Lead-To-Win (<https://leadtowin.ca/>) entrepreneurship development mission through Carleton University's Technology Innovation Management program (<https://timprogram.ca/>), is collaborating with stakeholders to leverage CICE's outreach to promote multi-lateral impacts to strengthen the innovation eco-system.
- JKLU is currently discussing with CICE how to educate youth and their parents beginning in elementary school to explore, identify, and reward innovative abilities and talents through JKLU's Genius Academy events across the country.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.**

**Response:** 84

**3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
33	14	13	12	12

File Description	Document
Report of the event	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**3.3.3 Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.**

**Response:** 38

**3.3.3.1 Total number of awards / recognitions received for *research / innovations* won by institution / teachers / research scholars / students year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
6	13	5	7	7

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e- copies of award letters	<a href="#">View Document</a>

### 3.4 Research Publications and Awards

**3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee**

**Response:** A. All of the above

File Description	Document
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	<a href="#">View Document</a>

**3.4.2 The institution provides incentives to teachers who receive state, national and international recognitions/awards 1. Commendation and monetary incentive at a University function 2. Commendation and medal at a University function 3. Certificate of honor 4. Announcement in the Newsletter / website**

**Response:** A.. All of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e- copies of the letters of awards	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.4.3 Number of Patents published / awarded during the last five years.****Response:** 19**3.4.3.1 Total number of Patents published / awarded year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
16	1	0	2	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.4.4 Number of Ph.D's awarded per teacher during the last five years.****Response:** 0.6**3.4.4.1 How many Ph.D's are awarded within last five years.**

Response: 18

**3.4.4.2 Number of teachers recognized as guides during the last five years**

Response: 30

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
URL to the research page on HEI web site	<a href="#">View Document</a>

**3.4.5 Number of research papers per teachers in the Journals notified on UGC website during the last five years****Response:** 3.24**3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
64	32	29	30	28

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.4.6 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

**Response:** 2.43

#### 3.4.6.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
36	35	17	22	27

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.7 E-content is developed by teachers :

1. For e-PG-Pathshala
2. For CEC (Under Graduate)
3. For SWAYAM
4. For other MOOCs platform
5. Any other Government Initiatives
6. For Institutional LMS

**Response:** D. Any 2 of the above

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
Give links or upload document of e-content developed	<a href="#">View Document</a>
Give links or upload document of e-content developed	<a href="#">View Document</a>

### 3.4.8 Bibliometrics of the publications during the last five years based on average citation index in

**Scopus/ Web of Science or PubMed****Response:** 4.07

<b>File Description</b>	<b>Document</b>
Bibliometrics of the publications during the last five years	<a href="#">View Document</a>

**3.4.9 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution****Response:** 14

<b>File Description</b>	<b>Document</b>
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View Document</a>

**3.5 Consultancy****3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy.****Response:**

Consultancy has been one of the undertakings of JKLU since its inception, as it has close links with the 125 year old JK Organization (JKO) with several business verticals such as JK paper, JK cement, JK tyre, agriculture (JK Seeds), auto and industrial accessories (JK Fenner), Vision systems including retail as well as defense applications (DELOPT), Defense and Aerospace technologies (Global Strategic Technologies-GST).

The guidelines for undertaking sponsored research and consultancy assignments were deliberated, formulated and issued in 2016. The intent was to encourage JKLU faculty to undertake research and consultancy work as a measure of scientific/technical collaboration with outside agencies including industries. These guidelines were updated and revised version was issued in March 2020 enhancing the consultant share of consultancy fees and including a general Intellectual Property Rights (IPR) procedure. The purpose of this IPR procedure is to encourage a pro-active and vibrant environment conducive for quick and efficient filing/registration of IP. The updates have resulted in increased outreach with other institutions including industry with outputs, e.g., filing of close to 20 new patent applications, several more in pipeline.

The two-way flow of information from JKO and JKLU has been mutually beneficial to all the stake holders. For example, the students and faculty have benefited from the industrial exposure through visiting assignments, Practice school sessions/ projects, training programmes, etc. A few examples of such sessions and projects are:

- Consultancy by three JKLU experts on the potential utility and implementation of the concepts and

approaches comprising of a variety of methodologies and techniques relevant to Industry 4.0 ranging from Design Thinking, Data Analytics, Industrial Internet of Things (IIoT), Artificial Intelligence (AI), Machine Learning (ML) and related technologies. The concepts of these topics were reviewed from basics to potential application involving real-life case studies. The sessions were interactive and encouraged co-creation with the participants by inviting them to come out with ideas to either start implementing the concepts in their day-to-day operations and functions or where the implementation already exists, to enhance and increase value.

- JKLU representatives visited two JK Tyre plants in Mysore and contributed by conducting feasibility studies for increased level of automation in Machine Tolerance Check (MTC) of Radial Truck Tyre Building Process (SAV Machine). Advisory Role on ongoing enhancements in other areas towards technical and methodological improvements to IT and Automation systems, focusing on productivity and competitiveness enhancement were also explored.

JKLU has entered into collaboration agreements as well as informal arrangements with other institutions in India and abroad that includes Consultancy. For example, the MOU with Jindal Stainless Corporate Management Services Private Limited (JSCMS) intends to promote the use of stainless steel in architecture utilizing the Design expertise of JKLU Consultants. There are several other Consultancy assignments in the pipeline, for example, JKLU consultants were actively involved in development of a bid by Co-directors of the Systems Realization Laboratory at the University of Oklahoma for a project proposal on Space applications in the Indo-Pacific region sponsored by the United States Mission in India.

File Description	Document
Upload soft copy of the Consultancy Policy	<a href="#">View Document</a>
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	<a href="#">View Document</a>
Paste URL of the consultancy policy document	<a href="#">View Document</a>

### 3.5.2 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

**Response:** 19.79

#### 3.5.2.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
1	4.58	0.84	4.34	9.03



File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Audited statements of accounts indicating the revenue generated through consultancy	<a href="#">View Document</a>

### 3.6 Extension Activities

#### 3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years.

##### Response:

Education is critical for the development of sustainable society. It basically mirrors the ideal of inclusive growth while owning responsibility for community service. The university engages in a variety of initiatives towards societal development, as listed below:

##### Education and Awareness

Positive change is the result of well-educated and alert minds. JKLU has launched an education campaign and computer literacy program for underprivileged and needy children who do not attend school or are drop outs. Similarly, boot camps, entrepreneurship awareness, engineer's day, and teachers' day were held to educate young minds about the contributions of nation builder, Engineer Visvesvaraya and Dr. S.Radhakrishnan. 17 such activities were organized which together had 810 participants

##### Environment

The sustenance of life is intrinsically tied to the sustenance of the environment. As a result, actions relating to natural resource conservation and animal care were key endeavors in this direction.

- Plantation drives were the most prominent activities, as they are geographically significant for the state of Rajasthan, which receives little rainfall. The cultivation of medicinal plants has begun in order to help the society as a whole.
- Other initiatives to act towards various constituents of the environment included, cleanliness drive to limit environmental degradation, visit to Sewage Treatment Plants for understanding water recycling, similarly visit to Gaushala to instill compassion for the holy animal cow, and an approach to build Rural Energy Accelerator.

Over a five-year period, 16 environmental activities with a total of 492 participants were organized.

##### Health and Wellbeing

A healthy society is the foundation for the growth and development of a nation. To ensure our contribution in this direction, the university has undertaken initiatives such as health check-up camps, blood donation camps, the introduction of ambulance services at the university, the celebration of International Yoga Day, and so on to educate its stakeholders on the proper way to maintain a healthy body.

### Disaster Relief Fund

The University has risen to assist the nation in times of emergency and calamity. Since 2018, students, faculty, and administration have contributed significantly to government relief funds for natural disasters in the states of Kerala, Odisha, and Karnataka.

### Social Inclusion

Equal opportunity for all members of society is critical for long-term growth. Socially inclusive actions are a deliberate move toward empowering the most vulnerable members of society. Women's safety sessions were organized to teach and equip women for self-defense and safety. The university donated cloths and blankets to the underprivileged and needy who struggled to meet such basic needs for survival in the harsh climate of north western part of country. Similarly, local artists were assisted in displaying their crafts to a large audience of National and International participants at the International conference organized by JKLU on the theme "*Innovations in Technology, Management, and Design for Achieving Sustainable Development Goals*". During Covid -19 University launched an emergency response helpline for the elderly and served them with food, medical assistance, groceries etc. The university organized 18 such activities in total, with 387 participants.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 3.6.2 Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years

**Response:** 4

#### 3.6.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
2	0	0	1	1

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copy of the award letters	<a href="#">View Document</a>

### 3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

**Response: 43****3.6.3.1 Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
10	7	8	10	8

File Description	Document
Reports of the event organized	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years****Response: 46.46****3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
300	260	300	268	340

File Description	Document
Report of the event	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**3.7 Collaboration****3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year****Response: 93.8****3.7.1.1 Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
131	123	78	63	74

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Copies of collaboration	<a href="#">View Document</a>

**3.7.2 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.**

**Response: 55**

**3.7.2.1 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
21	6	10	8	10

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the MoUs with institution/ industry	<a href="#">View Document</a>

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

**4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.**

**Response:**

The University has adequate facilities for teaching - learning. viz., well equipped air-conditioned classrooms, state of the art laboratories, new generation computing equipment, contemporary learning resource center, virtual teaching learning facilities etc.

**Classrooms:**

- 34 class rooms; all are air-conditioned, well furnished, ventilated, echo free, supported with Projectors and Wi-Fi Internet to accommodate 30 to 60 batch size comfortably.
- 02 Seminar rooms, 02 training rooms, 03 conference rooms, meeting rooms, tutorial rooms equipped with audio-video and IT-Enabled resources Online teaching and learning process is established using online platforms as like Zoom (licensed versions), Google meet, Microsoft Teams etc. to provide live learning experience through remote locations.

**Laboratories:**

- 57 state of the art laboratories in diverse areas are set up which includes labs on emerging and industry relevant areas like Computer Integrated Manufacturing Lab, Advanced Robotics, Mechatronics Lab, Hydraulic Lab, PLC (programmable Logic Controller) Lab, Industry 4.0 and Business Simulation Lab to name a few which are equipped with most modern setup.
- List of laboratories is attached and accessible through the link given at the end of this Metric.

**Computing Facility / Equipment:**

- Computing Laboratories have been equipped with 279 desktops and workstations. Faculty and key staffs are provided laptops for better mobility. The infrastructure in terms of computing facilities, Internet, Network etc. have been updated regularly.
- Desktops and Laptops have configuration of i5, i3 and 4GB/8GB RAM with/without GPUs.
- Photocopiers and Laser Printer (networked) in both monochrome/color modes, Advance printers for designing and Printing for Arch/CAD/JMC courses have been provided.
- The campus is 255 Mbps internet bandwidth (from two different lease line service providers) enabled to connect students and staff across the campus 24\*7 through WiFi as well as LAN for accessing their applications and services . JUNIPER Networks has been chosen for Backbone infrastructure.Managed (Juniper 3200,2200 PoE/Non- PoE etc.) switches are deployed at every building block with connectivity with two 4200 Core switches on HAL mode. Further, access layer has been established on L2 switches (Juniper 2200 switches etc.), with 1 Gig connectivity. End

points have been connected via CAT 6. Over 700+ LAN points have been deployed to provide connectivity.

- 6 physical servers, 12 Virtual Servers and more than 60 Virtual Machines running on hybrid server hardware (Tower, Rack) deployed in Datacenter to support applications.
- The entire campus has 100% power backup.

#### Cloud based ERP:

JKLU is moving forward in conducting paperless quizzes, assignments, online evaluations, showing evaluated answer scripts, and to declare the result at the earliest possible time in a transparent process. University has integrated its processes on ERP (TCS iON). It enables all time support to teaching and learning process like maintenance of attendance, course templates including course file, learning resources and assignments, conduct of evaluation components and facilitation of discussion groups, uploading of results etc. It enables university to take care of their entire administrative tasks and assists in repetitive resource-intensive activities through seamless automation like, admissions management, Timetable and attendance, academics management, Online Leave, HR, Finance and accounting, Purchase and inventory, Hostel, Payroll, student's management, Fee, online claims, MIS, Reports in ERP system.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.2 The institution has adequate facilities for cultural activities, yoga, games and sports (indoor & outdoor); (gymnasium, yoga centre, auditorium, etc.,)

##### Response:

Yes, the University has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports activities (gymnasium, yoga center, auditorium, etc.), aiming towards holistic development of the students, since 2011 with maximum user rates. These facilities are updated regularly.

##### A. CULTURAL ACTIVITIES:

The University has ample facilities to cater national / international level events as well as in-house cultural activities, details as under:

Facilities	Nos.	Area / Capacity
Activity Centre	1	1040 sq. ft
Club House	1	600 sq. ft
Music Centre	1	485 sq. ft
Amphetheatres	2	4170 sq. ft
Open Theater	1	5000 Sft.

Open Space to construct temporary air-conditioned water proof dome / auditorium to cater mega events like convocation, National / International Level Fests, Award Shows, Conferences and Events etc. (even catered SPG protected Guests).	1	20,000 Sft.
Lodging & Boarding Facilities for outstation Guests / Participants (Separate for Male and Female)		
- Guest House	23 Rooms	37 beds
- Accommodation in Hostels / Residential Block	50 Rooms	100 beds
Parking Space of 200 four wheelers / two wheelers	2	30,000 Sft.

### Club House:

Student-led activities through 14 different clubs such as Coding Club, Competitive Programming Club, Robotics Club, Dance Club, Drama Club, Literary Club, Quiz Club, Music Club, Design Club, Photography Club, Sports Club, Community Development Club, Business & Finance Club, Media Club.

### Music Centre:

The University has its own musical band "ANUNAD" having Piano, Drum Set, Cymbal, Guitar, Synthesizer etc.

Some important cultural events, organized in 2019 (on annual basis), by the University at its campus:

- National Level Cultural Fest "SABRANG":** 9th edition of National Cultural Fest **SABRANG** in November, 2019 in which 600 participants from 34 institutions across the country participated.
- Laureate Awards Function:** 6th JKLU Laureate Award (2019) conferred on Dr. Manmohan Singh, Former Prime Minister of India, on September 7, 2019 at the University campus. Dr. Singh also delivered the "Hari Shankar Singhania Memorial Oration" on "Strengthening Roots of Democracy in India". The total participation was about 1,000 people including students, people from academia & industry.

### B. YOGA CENTRE AND GYMNASIUM:

Yoga and Gymnasium is a regular practice at University for residents and students. The University has a full time Yoga as well as Gym Trainer.

Facilities	Nos.	Area
Yoga Centre	1	500 sq. ft.
Open Yoga Facility in natural surroundings	1	10,000 sq. ft.
Gymnasium with standard equipments	1	1761 sq. ft.

### C. GAMES & SPORTS (INDOOR AND OUTDOOR):

The University has adequate indoor & outdoor facilities for games and sports, even to cater national level events:

S. No.	Sports /Game	Description	Unit	Size
1	Cricket	Lavish green field with turf1 wicket along with Practice Pitch	1	100 mtr. radius
2	Football	Lush Green Field	1	105m (L)* 60m (W)
3	Basketball	Standard Court	1	28m (L)* 15m (W)
4	Kabaddi	Standard Court	1	13m (L)* 8m (W)
5	Volleyball	Standard Court	1	18m (L)* 9m (W)
6	Badminton	Standard Court	1	13.4m (L)* 6.1m (W)
7	Track & Field	400 mt.& 100 mt. Running1 Track with 4 lanes,1 Shotput, Long jump	1	
8	Table-Tennis	Standard TT Table	4	2.74m (L)* 1.525m (W)
9	Carom	Indoor games at recreation3 room	3	29*29 Inch per unit
10	Chess	Indoor games at recreation4 room	4	16*16 Inch per unit

The University organized **9th National Level Sports fest “SPARDHA”**, from 31st Jan to 02nd Feb, 2020. About 2500 students from more than 50 institutions of Rajasthan, Uttar Pradesh, Delhi, Madhya Pradesh, Maharashtra and Haryana had participated.

File Description	Document
Geotagged pictures	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.3 Availability of general campus facilities and overall ambience

##### Response:

##### Overall Ambiance:

Lush green University campus is modern and environment friendly. It helps students & residents to live, work and play in a setting that is safe, productive and student- centric.

- About 60% area is open and landscaped beautifully to provide seren environment.



- Trees / Shrubs plantation approx 4,000 well maintained by horticulture team.
- University infrastructure is well maintained and gives a panoramic view.
- Situated in peaceful and calm semi-urban area, away from the hassle and bustle of the city, makes it an ideal place for teaching and learning.

**The University campus:** Fully WiFi enabled campus. Libraries, Computer Centers, Amphitheater, Hostels, Mess, Administrative Blocks, Guest House, Residential complexes, Play Grounds, Athletic Tracks, Courts, Gymnasiums, Health Center with Ambulance, Recreation halls, Canteen, Bank Branch with ATM facility are a few important facilities that campus hosts.

Campus is having 24 hours electricity and water supply, fully backed up by silent DG sets, and round the clock perimeter security.

Sl. No.	Name of Facility	Area / Capacity
1	Bank and ATM	1500 sq. ft.
4	Health & Wellness Centre with Doctor and Nursing Staff having 24 Hours Ambulance Service (Isolation ward for COVID-19 with standard medical equipment)	1400 sq. ft.
3	Mess	10350 sq. ft.
4	Cafeteria	5200 sq. ft.
5	Guest House with 23 rooms	11100 sq. ft.
6	Security Services with Surveillance Cameras (56 CCTV Carmeras)	180 sq. ft.
7	24 Hours Electricity & Water Facilities  (Power Station back up by proper silent DG Sets)	1500 sq. ft.
8	Solar Energy	400 KV Solar Plant
9	Grocery / Utility shop	600 sq. ft.
10	Laundry Facility (7 fully automatic machine Haier, app operated)	450 sq. ft.
11	Fire Fighting with emergency assembly zone (3 Grounds, 115 fire extinguishers)	50000 sq. ft.
12	Incubation Centre	10000 sq. ft.
13	Campus Shuttle Service (6 buses of 27 seater)	162 seating
14	Elevators in Administrative, Hostels and Residential Complexes	5 nos.
15	Residential Facility for Employees (40 flats & 1 Bungalow)	43900 sq. ft.
16	Facilities for differently abled (as like washroom facility, ramps etc.)	13 nos. washrooms, ramp in buildings
17	Parking for two wheelers and four wheelers	30000 sq. ft.
18	High-speed WIFI and Internet Connectivity	255 mbps.
19	Dish TV Connections at Guest House	27 nos.

20	Recreational Facilities	2400 sq. ft.
21	Fraternity Club (120 members)	01
22	Housekeeping Team (2 supervisors managing 30 staff)	Outsourced Agency
23	Maintenance Team (11 technical staff)	Outsourced Agency
24	Pest Control Services (Every alternative day in campus)	Outsourced Agency
25	Garbage Collection & Disposal	Outsourced Agency
26	E-waste disposal service	Outsourced Agency

File Description	Document
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

**Response:** 24.77

##### 4.1.4.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
62.10	53.78	224.77	281.51	1430.65

File Description	Document
Upload audited utilization statements	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

### 4.2.1 Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

**Response:**

#### Library as a Learning Resource at a glance:

- Library is housed in centrally located building of the campus.
- Automated
- Air-conditioned
- Subscribing to 125 print journals and magazines

- E-Journals 3744
- Book Volumes 14400
- Unique Titles 9700
- Bound Volumes 1491
- CD/DVDs 1072
- Project Reports 684
- PhD Thesis 44
- Reference Books 600
- Learning resources available through National Digital Library
- Turnitin Similarity detection tool
- Digital Repository

The library is stacked with books, periodicals, references resources, national and international journals, concerning all aspects of academic studies and research materials.

Access to e-journals, e-databases etc. is provided through library portal. All e-resources are accessible locally within the campus. Library building is centrally located. The ambiance that is suitable for learning and scholarship.

Library has provision for both individual and group studies making room for interaction, discussion and quiet studies. Adequate space is provided for browsing and relaxed reading too. Library is equipped with adequate number of sign boards displays and guides for the convenience of the users.

The library has open access to its collection for all student, faculty and staff. Facilities include reprography, scanning, e-library, fire detection alarm and fire extinguisher, ramp, screen reading software for easy and convenient access to differently-abled users. OPAC/Web OPAC <http://lrc.jklu.edu.in> is main tool to provide access to the Library Collection

Library has created a special section of design resources named **MP Ranjan Design Resource Centre**. The Center stocks Prof MP Ranjan's personal collection of more than 1500 titles, mainly in the area of 'Design', donated by Prof Ranjan's family to JKLU. Late Professor MP Ranjan was a leading luminary in the field of 'Design' in India.

**Library is automated using open source software "KOHA"** All housekeeping activities of Library are automated using the Integrated Open Source Library Management Software (ILMS) KOHA. It includes modules for acquisitions, circulation, cataloging, serials management, authorities, flexible reporting, label printing, multi-format notices, offline circulation for when Internet access is not available. All the documents are classified with DDC scheme of classification.

Name of the ILMS software: KOHA

Version: 19.05.04.000

Year of implementation: 2011

Online tracking facility of books, journals, e-books is available through KOHA interface. Library page visit count is also available in OPAC at <http://lrc.jklu.edu.in>. For counting foot fall barcode and register entry is used. Resources from NDL are being assessed by the students and faculty members.

Implementation of remote access is under consideration.

### Digital Repository (<http://172.16.5.1:8080/xmlui/>)

Repository of faculty publications, question papers in DSpace serves as an important online resource of the library.

Library is subscribing to major e-resources like, IEEE Xplore, EBSCO Business Source Elite, IEEE ASPP, ProQuest DELNET Engineering and Technology Collection, Plagiarism detection software-Turnitin and Urkund.

Provision has also been made to allow downloading/printing of materials from these resources. Membership with DELNET, Confederation of Indian Industries, MOU for ShodhSindhu, INFLIBNET are in place.

### Services

- Open Access Systems for users.
- ICT & WI-FI, Internet access, download & printout facility.
- Central Air Conditioning
- Reference Service
- Reprographic facility
- Books Exhibitions/displays of New arrivals
- Newspaper clipping
- Inter Library Loan

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

**Response:** A. Any 4 or more of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

#### 4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

**Response: 22.13**

4.2.3.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
18.73	14.42	16.33	29.29	31.86

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>

**4.2.4 Percentage per day usage of library by teachers and students ( foot falls and login data for online access) during the latest completed academic year**

**Response: 32.08**

4.2.4.1 **Number of teachers and students using library per day over last one year**

Response: 230

File Description	Document
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 4.3 IT Infrastructure

**4.3.1 Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)**

**Response: 100**

4.3.1.1 **Number of classrooms and seminar halls with ICT facilities**

Response: 34

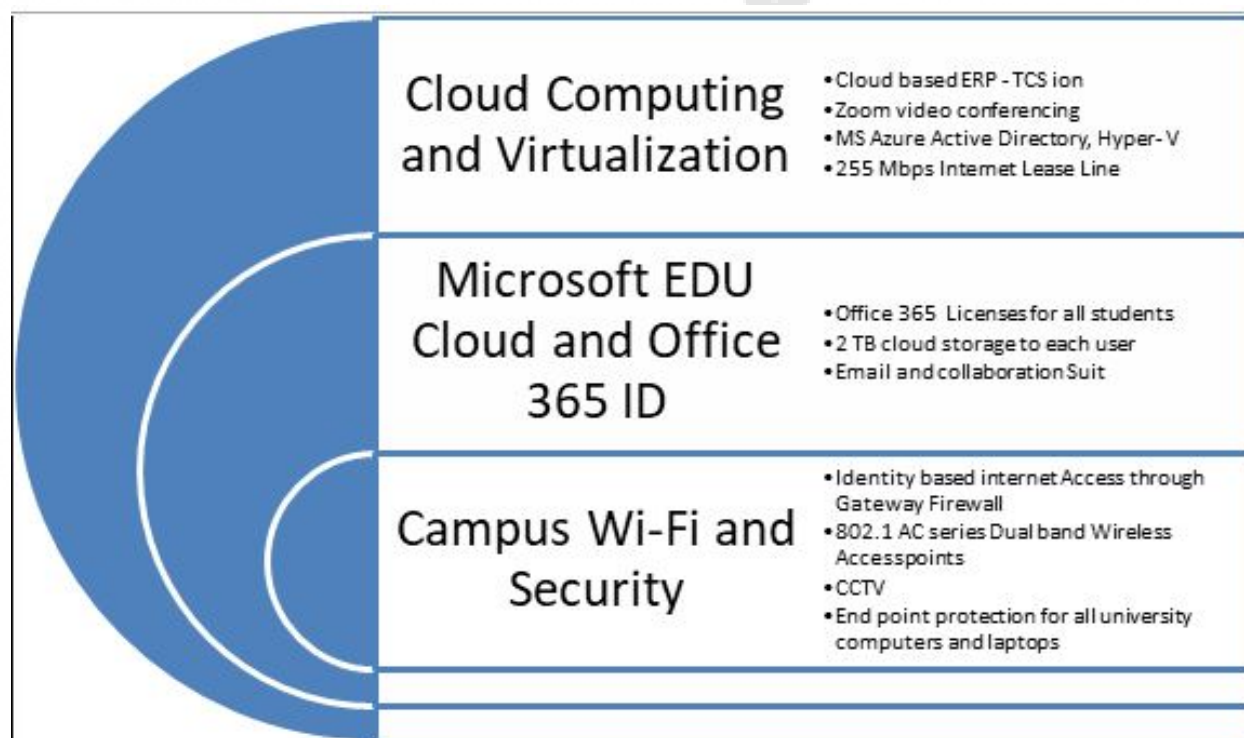
File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.3.2 Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

##### Response:

Yes, University has an IT Policy and makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility.

The latest technology is complimented by the brilliance of state-of-the-art IT infrastructure and applications for academic and research purposes. The university provides the below mentioned IT facilities and regularly updates the same.



The campus has 255 Mbps optical fiber Internet lease line (from two different ISPs). Over 700+ VLAN based centralized managed Gigabit LAN points have been deployed to provide connectivity using JUNIPER Managed Ethernet switches (EX 4200/2200). Virtualized Server infrastructure (36 processing core and 192 GB of RAM) using IBM X 3650.

All JKLU Students and staff have Office 365 license for email with features like MS Teams, SharePoint, 2 TB OneDrive cloud Storage. JKLU IT Infrastructure is connected with Azure Active directory. SOPHOS FIREWALL deployed to provide Identity based Secure Internet browsing gateway.

WI-FI services have been provided across the campus with 88 dual band 802.11 AC Ruckus AP having a bandwidth of 867+ Mbps, connected with centralized controller-based WLAN network to provide seamless roaming.

**In 2015-2016-** Purchased Ruckus SZ100 series Wireless controller for campus Wi-Fi. Subscribed Microsoft OVS campus agreement. 17 laptops with Intel I5 processor purchased for faculty. 2 LCD projector and 1 MFP has been installed.

**In 2016-2017 -** Campus Wi-Fi upgraded by adding 36 Ruckus R500 (802.11ac AP); Purchased Matlab-2019 software with toolboxes. Purchase of 10 ANSYS 17.0 software perpetual licenses. 12 Desktops and 11 Lenovo laptop with Intel I5 processor were added. Microsoft OVS campus agreement has been purchased. Establishment of LAN and Wireless connectivity at EB1 classrooms. The available speed of internet increased up to 100 Mbps.

**In 2017-2018 -** Installation of IP Camera Surveillance with 44 camera (2MP, night vision) and 64 channel NVR. Wi-Fi network has been upgraded by adding 19 Ruckus R500 AP. Purchased Microsoft EDU- Cloud Campus agreement with 2000 Office 365 ProPlus licenses. Purchase of Bentley STAD PRO licenses. 17 HP laptops with I3/I5 processor were installed.

**In 2018-19 -** Internet bandwidth upgraded from 100Mbps to 155 Mbps. Purchased 375 licenses of SOPHOS EPS and Intercept- X. Purchased 06 Ruckus R500 AP, 1 iMAC system with adobe creative cloud suit license purchased. Establishment of Lan and Wireless connectivity at Institute of Design. Purchased Microsoft EDU- Cloud Campus agreement. Purchased Matlab-2019 software with toolboxes. Purchased Zoom pro license, Established facility for live webcasting.

**In 2019-20 -** Campus Wi-Fi has been upgraded by adding 27 Ruckus R710/R510/R310 (802.11ac 1733Mbps/867Mbps AP). Purchased 375 licenses of SOPHOS EPS and Intercept- X., 4 Apple iMac system with i5 purchased. Purchased Microsoft EDU- Cloud Campus agreement. Purchased 7 IP Cameras, Purchased PTC CREO Software Subscription 50 user License. HP Z4 Workstation Core i7-7800X, 16 GB RAM and 8 HP laptops with I5/Ryzen purchased.

Laboratories are equipped with 279 desktops. Faculty and key staffs are provided laptops. TCS ion ERP is implemented for Finance, Purchase, Student life cycle on Academics, HRMS, Exam cell, Payroll, E-Learning, Hostel management and online Fee management.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

#### 4.3.3 Student - Computer ratio (Data for the latest completed academic year)

**Response:** 2:1

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Student – computer ratio	<a href="#">View Document</a>

#### 4.3.4 Available bandwidth of internet connection in the Institution (Leased line)

**Response:** C. 250 MBPS - 500 MBPS

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

#### 4.3.5 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

**Response:** A. All of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Links of photographs	<a href="#">View Document</a>

## 4.4 Maintenance of Campus Infrastructure

#### 4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

**Response:** 32.87

##### 4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
384.35	414.78	422.35	396.08	348.83



File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>

#### **4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.**

##### **Response:**

1. The University has established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.
2. The University ensures regular maintenance and upkeep of all infrastructural facilities through maintenance system. The maintenance work is carried out by trained and experienced in-house experts as well as outsourced agencies. The university has adequate strength of administrative staff comprising engineers, technicians, lab assistants, wardens, guards, etc., who assist in efficient functioning of campus, library, sports arena, gymnasium, classrooms, laboratories and ICT infrastructure.
3. Besides this, university has sufficient staff for managerial and supervisory duties, custodial staff for building upkeep and cleaning, maintenance staff for performing skilled jobs like plumbing, electricity repairs and backup power system
4. The University has dedicated labs, computer labs, classrooms and adequate sports facilities which are free for all to utilize.
5. The university has respective Director of the institutes who allocates classrooms as per semester curricular / extra co-curricular activities. It includes not only allotment of classrooms but also allotment of tutorial rooms and allotment of computer labs. The timetable committees of different departments explore the possibilities of optimal use of the space and time. For laboratory, work classes are divided in batches for optimum utilization of resources.
6. The central facilities like two amphitheaters, and space for events are allotted by the GM (Admin) office and Head of the institutes respectively. The university not only facilitates space for events but it also extends support for the organization of events by different institutes and departments. The varsity also extends administrative support to deploy additional security and housekeeping staff, depending on the nature and scale of event. There are adequate physical infra. in the central pool which are shifted to augment the sitting space as per nature of event.
7. The maintenance of IT equipments is coordinated by the IT Cell of the university. The university has appointed dedicated team of System administrator, ERP Admin, Technical Assistants and Computer Network Assistants to provide regular support services relating to computer hardware, LCD Projectors, Email and Internet services, Network and software. The team also ensures the connectivity of Wi-Fi in hostels and departments, wherever required. The university has an Annual Maintenance Contract for its Servers, Networking Devices, other critical IT equipment, etc. with reliable vendors so that the IT systems and related equipment, Wi-Fi, CCTV system can function smoothly. Preventive Maintenance activities have been carried out for critical IT devices on regular basis.
8. Central library facility is provided to be availed by all staff and students of the university. The facilities extended by Central Library are coordinated by Librarian. The structured policies regarding rules and regulations of library usage are in place. OPAC software system eases the search for relevant books and issue and return facility.

9. During the entire academic session, sport activities are carried out on all working days. Coaches and trainers of respective sports remain available on field to train the students for intramural as well as extramural events. Yoga practice and training is also a routine activity. As per the convenience of student's slot in the Gymnasium is also allotted. The sports arenas are also utilized regularly for hosting district, state, inter-university and national level tournaments.

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>

NVAAC

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

**5.1.1 Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).**

**Response:** 26.58

**5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2019-20	2018-19	2017-18	2016-17	2015-16
176	104	110	197	250

File Description	Document
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

**5.1.2 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.**

**Response:** 67.88

**5.1.2.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
609	463	318	328	427

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology**

**Response:** A. All of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

**5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases 1. Implementation of guidelines of statutory/regulatory bodies 2. Organisation wide awareness and undertakings on policies with zero tolerance 3. Mechanisms for submission of online/offline students' grievances 4. Timely redressal of the grievances through appropriate committees**

**Response:** A. All of the above

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View Document</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 5.2 Student Progression

**5.2.1 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**

**Response:** 91.08

**5.2.1.1 Number of students qualifying in state/ national/ international level examinations (eg:**

**IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
19	6	5	3	1

**5.2.1.2 Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
22	7	6	3	1

File Description	Document
Upload supporting data for the same	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**5.2.2 Average percentage of placement of outgoing students during the last five years****Response:** 55.37**5.2.2.1 Number of outgoing students placed year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
137	78	59	83	73

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Self attested list of students placed	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

**5.2.3 Percentage of student progression to higher education (previous graduating batch).**

**Response:** 9.38

#### 5.2.3.1 Number of outgoing student progressing to higher education.

Response: 21

File Description	Document
Upload supporting data for student/alumni	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 5.3 Student Participation and Activities

**5.3.1 Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.**

**Response:** 8

**5.3.1.1 Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
0	5	0	3	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of award letters and certificates	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**5.3.2 Presence of Student Council and its activities for institutional development and student welfare.**

**Response:**

**Response-**

JKLU strongly believes in cultivating the potential of its valuable stakeholders (students) for scholarly, technical, and administrative success while simultaneously imbibing good human values and developing them as global citizens. The University has put in place the best practices to foster a democratic attitude, and a sense of solidarity among the students of the University to accomplish this goal.

The Student Council is a body of elected and volunteer students working with a faculty/staff advisor within the structure of a constitution or bylaws to provide a medium for student speech and assistance in university affairs and events, to provide opportunities for student leadership experience, and to promote student, faculty and community interaction.

The Student Council is composed of all departments around the university, where all departments are equally represented. In total, we have **16** separate positions for our students, representing curricular, co-curricular, and extracurricular activities.

The various bodies where students are given a platform to transparently witness the endeavors made by the university for their academic enhancement, learning administrative skills, and to raise their points of view are given posts like General Secretary, Technical Secretary, Cultural Secretary, and Sports Secretary to Final Year Student. Pre-final year students are given posts like Deputy General Secretary, Deputy Technical Secretary, Deputy Cultural Secretary, and Deputy Sports Secretary. Second-year students hold the position of Assistant General Secretary, Assistant Technical Secretary, Assistant Cultural Secretary, Assistant Sports Secretary, and Public Relations Head. First-year is on the basic posts of Student Council Volunteers and are generally 3-5 in numbers.

Junior post holders are promoted to the senior posts in the next subsequent years if they perform well on the junior post. Student Council is made after a rigorous process of

(1) Self Nomination and a Presentation by the Candidate before the Panel for Selection

(2) and a Personal Interview by the selection panel.

The Student Council is appointed for one academic year and every same year process is repeated for appointing new Student Council.

Student Council is primarily working in overview and suggesting improvement in curricular, co-curricular, and extra co-curricular activities at the University. They actively manage different student clubs operating at the university and also actively manages National sports event SPARDHA of JKLU and National cultural event SABRANG of JKLU with full enthusiasm. The key role and responsibilities of the Student Council in the University is-

1. To act as the face of the student community at the University and making useful suggestions in the improvement of the system and process.
2. To coordinate various University activities related to students' engagement
3. To operate and manage student clubs at the University
4. To ensure the participation of students in year-round activities.
5. To facilitate untapped skills and competencies among students and providing appropriate platforms in honing their skills.
6. To ensure participation of the Student community in external events and competitions.
7. To act as a bridge between University management and the Student community.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

### 5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

**Response:** 37.2

#### 5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
33	40	35	38	40

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 5.4 Alumni Engagement

### 5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

**Response:**

**Response :**

#### Administrative Structure

JKLU has a dedicated Alumni Cell to ensure strong alumni connections and engagement with their alma mater. This cell is responsible for managing alumni database, maintaining regular communications with them. The cell undertakes various initiatives to engage alumni and facilitates them to remain connected with departments, administrative offices, and various events organized by University. Following are the members of this cell:

1. Faculty coordinator
2. Alumni coordinator for each program



### 3.Support staff

November 24, 2019, Vice-Chancellor of the University announced the formation of Alumni association with a vision that the body shall function as guiding force and facilitator to involve alumni in leading various initiatives related to alumni.

Presently '**JKLU Jaipur Alumni Association (JKLU-AA)**', has been registered under 'The Rajasthan Societies Registration Act, 1958 (Rajasthan Act No. 28, 1958)'. As per rules, all the alumni of the University are registered members of this association while existing students may also register in this association as Student Member.

#### **Objectives of JKLU-AA**

A few of the objectives, specified in the MoA of the association are as under.

- 1.To provide a platform promoting interaction and networking among alumni of the University.
- 2.To help alumni achieve their professional and societal goals
- 3.To facilitate the association of alumni with their Alma Mater
- 4.To contribute to the Institute's vision of being recognized among the world's leading institutions in academics, research, outreach, and innovation

#### **Alumni Contribution Areas**

Alumni contribution to the University is manifold, a few of which are listed down:

- Industry connect – More than 50 engineering students received placement or internships opportunities through alumni references
- Knowledge sharing – More than 10 alumni talks are conducted for JKLU students
- Curriculum Development – Alumni feedback is taken on courses and curriculum and the same is considered while updating or designing the curriculum.
- Quality Assurance – Two alumni are the members of the Internal Quality Assurance Cell (IQAC) to engage them in taking quality initiatives at the University
- Research – Faculty members are encouraged to join research with alumni. Few alumni are working on research papers and patent publications with faculty members. One alumni joined a Ph.D. program of the University as well.
- Societal support –A recent example of such support is during the Covid-19 crisis. Alumni supported and actively participated in an eldercare helpline started by University

The University has recruited its alumni in its various functional departments to provide them needed growth opportunities while enhancing their skills. Presently four such alumni employed by the University are rendering their services in CCCT, AIC, Admissions, and students life. One more alum served at AIC successfully for around one year.

To nurture the relationship with Alumni and make them feel valued,10 alumni meets have been organized so far in addition to the above engagement activities. In 2019, University initiated honoring alumni with alumni awards. A total of **25** alumni were honored on November 24, 2019, on the occasion of the annual alumni meet.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

**5.4.2 Alumni contribution during the last five years (INR in Lakhs)****Response:** E. <5 Lakhs

NAAC

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

**6.1.1 The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance.**

**Response:**

JK LakshmiPat University (JKLU), an initiative of the LakshmiPat Singhania Education Foundation for Higher Learning, aims to provide a value-based and innovative learning environment where the students, researchers, and faculty members can engage in intellectual, spiritual, and moral academic pursuits, as well as one that promotes the holistic development and fosters leadership.

**VISION**

- **To be one of India's most innovative higher education institutions.**

**MISSION**

- **Practice teaching that inculcates critical thinking and problem solving,**
- **Pursue research that leads to innovation and enhancement of real-life applications,**
- **Offer experience that leads to all round development, and**
- **Develop a culture that is strongly rooted in interdisciplinarity and learning by building, not just doing.**

**VALUES**

- **Caring for people**
- **Integrity including intellectual honesty**
- **Openness**
- **Fairness and trust**
- **Commitment to excellence**

As expressed through its many bodies, the academic and administrative governance of the University outlines how diverse stakeholders' actions are structured, sustained, regulated, and held together towards achieving the mission of the University.

- The University places emphasis on developing critical thinking and problem-solving skills as a foundation for creativity. Project-based learning (Olin College of Engineering in Boston, USA) promotes the practical application of knowledge through internships in industry, capstone projects, social projects, business simulation labs and other such pedagogical constructs.
- The annual appraisal process considers multifaceted contributions and successes in three areas: student development, guidance, and course creation. It also considers external impact (research, publications, industry collaborations, project, patents), institution building (innovations in student experience, systems & processes, collaboration, community engagement).
- 70% of the University's faculty hold relevant PhD degrees, with another 10% pursuing the same.

By effectively engaging with students and research scholars, all faculty members are actively involved in developing the University's innovation mission.

- The University provides financial assistance to faculty members to do research. The outcome is visible in increased research publications in prestigious journals and patent applications. In addition, it also offers a mentoring program for faculty members with a stronger research emphasis.
- The University hosts and encourages students to engage in various hackathons and innovation challenge contests at the national level.
- The National Innovation Challenge is a national competition for school students at the University. It aims to encourage design thinking and innovation among school students. Students from more than 300 schools take part in the competition.
- Various Centers of Excellence within the University, such as the Centre for Entrepreneurship and Innovation and the Centre for Communications and Critical Thinking, offer students numerous avenues to study outside the classroom.
- The University's Atal Incubation Centre, which is financed by Niti Aayog, strives to nurture entrepreneurs based on creative ideas and to foster the development of a creative attitude among students.
- The Board of Management is made up of a diverse group of industrial and academic experts. It oversees the design, development, execution of programs and guides the University to achieve its goals.

### **6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.**

#### **Response:**

JKLU has a well-developed framework of shared authority and responsibility at each level, enabling internal leadership development to decentralise authority and a participative approach to decision-making. These includes:

#### **1. Strategic orientation:**

- JKLU continues to invest in its staff through the Faculty Development programs. University made significant investments in promoting academicians from premier institutes such as IITs, IIMs, NITs, and other prestigious foreign and national institutes to leadership and faculty positions.
- Meaningful collaborations and mentoring with prominent organizations such as IBM, ISRO, Moody's Analytics, Texas Instruments, and Microsoft IT Academy support and expand the students' learning experience by bridging the industry-academia gap.

#### **2. Decentralisation and participative management:**

- The University has a decentralised structure in which all major decisions are made with the participation of various stakeholders.
- Different committees have been set up at the University, such as Quality Assurance, Student Life, Admissions, Placements and Internships, Examinations, Discipline, Anti-ragging, Sexual harassment, Hostel, and Mess committee to deal with various issues.
- The Board of Management and several advisory boards give strategic direction and motivation to

the entire University community. Weekly meetings of institution heads ensure timely resolution of academic and administrative difficulties and faster decision-making in areas with broader significance.

### **3. Agile and risk-taking:**

- During the Covid-19 crisis, even before the country-wide emergency lockdown was declared, the University safely saw off all its students and shifted to an online mode of teaching without disrupting the teaching-learning process.
- JKLU has announced a significant investment in its IT infrastructure and new programs aimed at satisfying industry expectations. Work-from-home options with tech support and no salary reduction were assured.
- The University continues to innovate in teaching methodology by implementing uncommon methods of instruction (e.g., project-based learning) with robust feedback mechanisms and review systems in place.

### **4. Student empowerment:**

- JKLU's distinctive value proposition is defined by its focus on students and a belief that learning, education, and institutional development are co-created, with students playing an essential role.
- The student council provides an appropriate forum for students to discuss, network, and contribute to numerous University tasks. It gives students the empowerment to initiate and organise activities.
- Every student has the right to voice their views and opinions through the University's feedback mechanism. The body allows students to make a significant contribution to the development of a beautiful student life experience on campus and general University development projects.

### **5. Open Communication & Stakeholder Interaction:**

- Interactions with all stakeholders are held regularly to ensure that operations are in line with the plans.
- During induction, students are assigned faculty mentors. Through weekly interaction, mentors create an environment for open dialogue with students and handhold them for their stay at the University.
- Bi-annual open house meetings and town halls are arranged to communicate with guardians/parents of the students. It allows them to voice their concerns and better understands University's systems.
- Annual and frequent alumni gatherings allow the students to connect and establish industry connections. Their feedback and observations also help shape the University to become better with each passing year.

## **6.2 Strategy Development and Deployment**

### **6.2.1 The institutional Strategic plan is effectively deployed.**

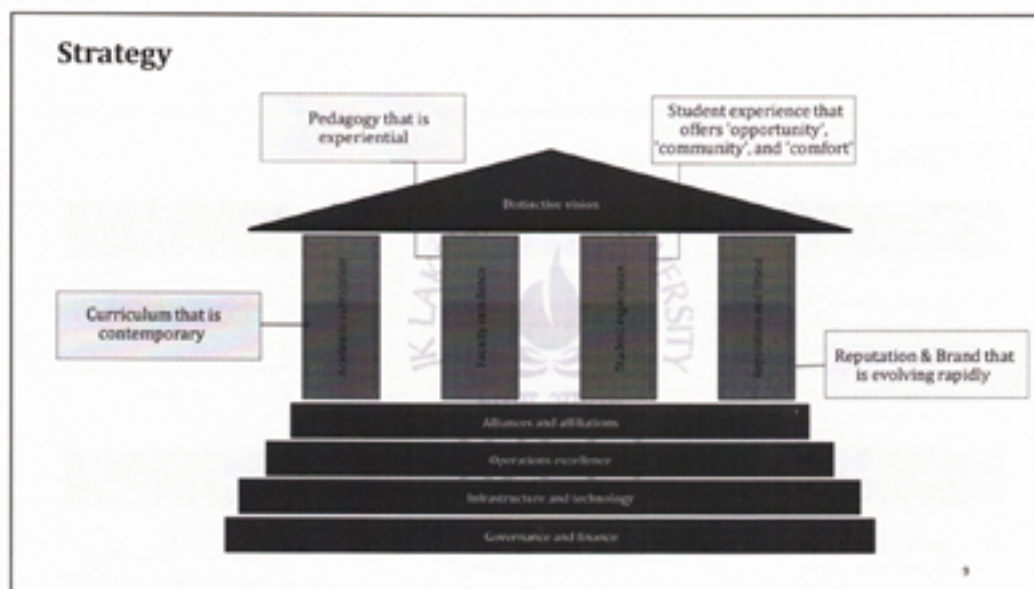
**Response:**

The University's strategic plan is based on the four areas of its mission and is rooted in its vision. The University's key pillars include,

- Academic Curriculum
- Faculty Excellence
- Student Experience
- Reputation & Brand

These are firmly grounded on themes, such as

- Alliances & Affiliations
- Operational Excellence
- Infrastructure & Technology
- Governance and Finance

**1. Alliances & Affiliations:**

- The University has several alliances and affiliations with leading universities and organisations. These include the University of Florida, University of Massachusetts Amherst, UIPath, Microsoft, ISRO, Texas Instruments, and St. Cloud State University, to name a few. The University is committed to providing its students with access to a world-class education.

**2. Operational Excellence:**

- Ensuring excellence in day-to-day activities enables the University to develop a quality culture shared by all University members and reflected in all of their actions. The ERP system, which is readily available to all fraternity, automates all areas of student life cycle.

**3. Infrastructure & Technology:**

- The campus features cutting-edge physical and lab infrastructure. A Wi-Fi-enabled campus with 24-hour high-speed internet access. Modern amphitheatre-style and technology-enabled classrooms fitted with appropriate audio-visual equipment.
- Staff and students are provided with fully secured and well-appointed accommodation at the campus.
- The Learning Resource Centre, the University's Central Library, offers a range of online and offline learning materials. Access to e-books, online journals, databases, and so on is just a click away for its users, thanks to an automated library administration system. The centre is also open to the public from Monday to Friday.

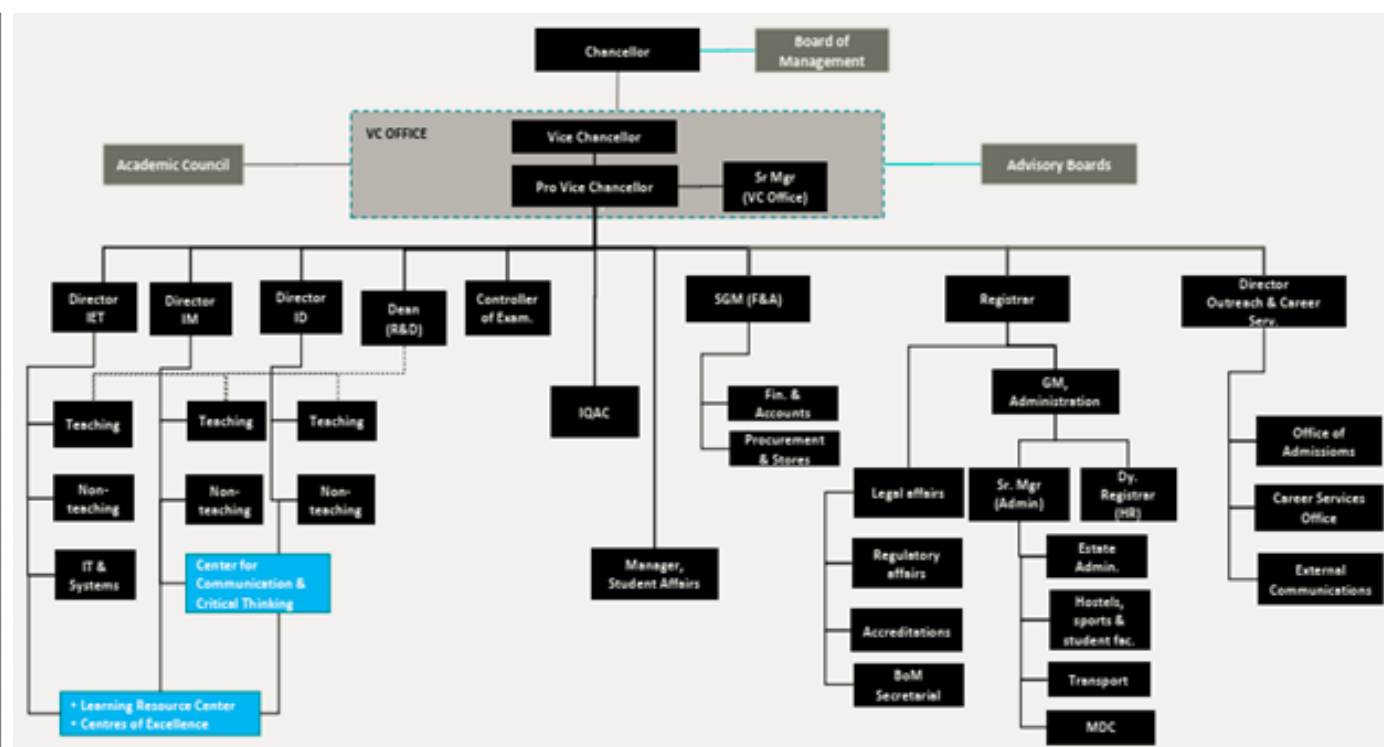
#### **4. Governance & Finance:**

- University procedures are primarily influenced and inspired by best practices in the industry. Affiliation with the JK Organization, which is already acknowledged for having the highest governance standards, aids the University in adopting the same.
- Well-defined structures with clearly defined duties and responsibilities of various groups and people, such as an Academic Advisory Committee, a Research Advisory Board, a Purchase Committee, and similar others, assists the University in ensuring governance. Almost all University activities are system-driven, and suitable policies and procedures govern actions.
- The University is self-financed, with student fees serving as the primary source of revenue. Other revenue sources include donations from promoters and corporations, interest on short-term bank deposits, registration fees for seminars, conferences, workshops, and faculty member consulting. Every academic year, an annual budget is planned, and all expenses are met for following the budget.
- Purchases are made based on a comparative statement and approval from the purchase committee. In exceptional cases where the budget under the heading is insufficient, appropriate authority approves the same on a case-by-case basis. The Board of Management authorises annual audited accounts following a review by the finance committee.

#### **6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.**

##### **Response:**

JKLU has a well-defined structure with appropriate hierarchy levels in place to support the University's effective and efficient functioning. The University's organisation and operation can be summarised as follows:



JKLU: Organization Chart

**The Board of Management** is the apex body of the University. It provides leadership for all academic and administrative issues. This Board includes the Chancellor, Pro-Chancellor and Vice-Chancellor. The Board has representation from academic, industry and policy leadership from across the country along with Registrar and a nominee of the state government. Directors of the institutes are permanent invitees to BOM.

**Academic Advisory Board** at the University helps it to strengthen the academic environment. Eminent academicians from the country and abroad, are its members. They help the University in ensuring that its programmes and curriculum are contemporary and future-ready.

**Academic Council** is the University's principal academic body and employs general oversight over the University's academic policies, subject to the terms of the Act and the Rules, Regulations, Statutes, or Ordinances issued thereunder. The Vice-Chancellor serves as the Council's Chairman, and other members include the Pro-Vice-Chancellor, renowned academics and industry representations, heads of the constituent institutes, faculty representatives, and the University's Registrar.

**Research Advisory Board** at the University helps it to strengthen its research agenda.

**Boards of Studies** are responsible for periodically reviewing the curricula and syllabi at the University. The recommendations are forwarded to the Academic Council for consideration and approval.

**Vice-Chancellor** is the Principal Executive and Academic Officer of the University. He/she is also the Ex-Officio Chairman of the Academic Council.

**Pro-Vice-Chancellor, Director** of the Institutes and **Registrar**, are other important Officers of the University, whom the Board appoints on the recommendation of the Vice-Chancellor.



**Registrar** is a statutory position in the University and responsible for all operating issues in the areas of administration and meeting statutory compliance with all government bodies. **Controller of Examinations** oversees all exams and result preparation.

**Senior General Manager (Finance & Accounts)** plays the Chief Finance and Accounts Officer role and exercises general supervision over the University's funds.

**Internal Quality Assurance Cell (IQAC)** drives and oversees the quality initiatives in various areas at the University.

The above positions are assisted by the Officers on Special Duty (OSDs), Joint Registrars, Deputy Registrars, Assistant Registrars and Administrative Officers, wherever required, depending upon the operational requirements of the University.

- The Department Coordinators, Programme Coordinators, Directors, and Assistant Directors who oversee the University's various Centres, Departments, and Cells.
- There are various committees and cells, such as Grievance Redressing Cell, Disciplinary and Anti-ragging Committee, Committee for prevention of sexual harassment at work, Examination Committee, Purchase Committee etc., which work towards their respective agenda and ensure smooth functioning of the University.
- The unique mentoring-based education system, wherein each student is assigned a mentor who handholds the student during their journey at JKLU, ensures the much-needed support.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>
Link to Organogram of the University webpage	<a href="#">View Document</a>

### 6.2.3 Institution Implements e-governance covering following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

**Response:** A. All of the above

File Description	Document
Screen shots of user interfaces	<a href="#">View Document</a>
ERP (Enterprise Resource Planning) Document	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 6.3 Faculty Empowerment Strategies

#### 6.3.1 The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff .

##### Response:

The University has an annual performance appraisal procedure for its academic and non-academic personnel that begins with individual self-evaluation.

- All employees are given the autonomy to select their key performance indicators in collaboration with their reporting officers, and they are evaluated based on the indicators they select.
- Due weightage is given to various areas of contribution such as teaching, research, training, consultancy and administration.
- Research Policy and revenue sharing schemes for consultancy and other assignments, seed money for research projects, differential teaching load to let one choose his/her area of work, work from home facilities, norms for travel and other allowances, academic allowances, conference allowances, perks and perquisites, on-campus accommodation are some of the interventions that help faculty and staff members in performing to the best of their abilities.
- JKLU Fraternity Club also organises several cultural and sports events for fraternity members, including their spouses and children, every year.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

Response: 67.41

**6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
30	34	44	51	31

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	<a href="#">View Document</a>

**Other Upload Files**

1	<a href="#">View Document</a>
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**6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.**

**Response:** 10.8

**6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
17	15	8	5	9

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course ).**

**Response:** 24.22

**6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise**

**during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
28	11	10	10	10

<b>File Description</b>	<b>Document</b>
Details of teachers attending professional development Programmes during the last five years (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**6.4 Financial Management and Resource Mobilization****6.4.1 Institutional strategies for mobilisation of funds and the optimal utilisation of resources****Response:****Institutional strategies for mobilisation of fund:**

- A long-term strategic business plan is developed, and the annual budget is updated/revised based on student revenue and expected costs for each academic year.
- All income and expenditures are examined regularly, and appropriate strategies for money mobilisation are developed.
- The primary sources of revenue are student fees and corporate donations. Bank borrowings had been arranged for the initial development of infrastructure.
- Funding is generated through consulting (though not substantial).
- Finance costs (interest on bank borrowings) and loan repayment are covered by donations and contributions made by group firms and other corporates.
- The University is still not self-sustaining, and thus the shortfall in funds is filled by the group companies, the Lakshmipat Singhanian Education Foundation, and other corporates through donations, CSR contributions, and donations for R&D initiatives. The CFAO mobilises the funds in cooperation with the Vice-Chancellor..

**Institutional strategies for Optimal Utilisation of Fund:**

- The fund's utilisation is based on need and priority basis as envisaged in the annual budget for recurring and non-recurring expenditures.
- Purchase indents are issued in the form of "Note for Approval (NFA)" at the department level and are recommended by the Deans / Directors of the Division.
- The cost estimate/comparative statement is created in collaboration with the finance department and approved by the appropriate authorities.
- There are progressive limits for approval and financial delegation to ensure an optimal combination of agility and controls.

- In urgent cases, procurement may be done, and post-approval is sought.
- The University regularly monitors financial reports (MIS) and cash flow monthly and ensures optimal utilisation of fund.

#### 6.4.2 Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V ) (INR in Lakhs).

Response: 0

##### 6.4.2.1 Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

#### File Description

#### Document

Details of Funds / Grants received from government bodies during the last five years (Data Template)

[View Document](#)

#### 6.4.3 Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)

Response: 8702

##### 6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
1100	2230	1150	3022	1200

#### File Description

#### Document

Institutional data in prescribed format

[View Document](#)

Annual statements of accounts

[View Document](#)

#### 6.4.4 Institution conducts internal and external financial audits regularly

Response:

Yes, the University conducts internal and external financial audits regularly.

#### **Internal Audit:**

Internal auditing is performed to maintain strict control over all of the organisation's activities. The management wants assurance that the financial records are authentic and that the University's operations are efficient. An internal audit aids in the establishment of both. The University is taking the following steps to improve internal auditing:

- The University employs a full-time CFAO (Sr. Manager-F&A) to oversee internal financial transaction checks and balances.
- M/s Nitin J & Co., Chartered Accountants, Jaipur conducts a concurrent internal audit every week.

#### **Statutory Audit:**

The objectives of carrying out statutory audit are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and give an accurate and fair view of the state of affairs at the year-end.

The annual audit conducted for every academic year is done as this helps in reviewing financial and academic outputs for the academic year, project the budget for the next academic year, and formulate strategic plans by the management.

The University conducts two annual/statutory audits each for a financial year and an academic year, as under:

- Statutory Audit for Annual Accounts for the financial year ending Mar 31 is conducted by M/s Lodha & Co., Chartered Accountants, New Delhi.
- M/s Lodha & Co., Chartered Accountants, New Delhi, is auditing the Annual Accounts and Annual Report for the academic year ending on Jun 30.

All audit observations are rectified before the signing of audit reports, and follow up notes are also noted for future reference. The audit reports are discussed and approved by Board of Management.

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>

## **6.5 Internal Quality Assurance System**

**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals.**

**Response:**

Quality has always been the core focus of the University since its inception in 2011. Regular quantitative and qualitative feedback about the teaching-learning process, self-appraisal by faculty and non-teaching staff, participative style of functioning and decision making in various academic and administrative matters are some of the quality assurance measures that the University has been undertaking since day one.

- The first attempt to formalise quality initiatives dates back to 2011, when a committee was constituted for ensuring quality in all its actions. Subsequently, a Processes and Procedures committee under a senior professor's chairmanship was established to take the quality agenda forward.
- In order to further formalise and document the quality assurance activities and to bring in and build on the element of quality in the teaching-learning process at the University, a *Quality Assurance Cell* was constituted on *Sep 20, 2018*, vide *Office Order No. JKL/VCO/138* dated *20/09/2018*. Since its formation, the Cell has been actively involved in identifying and suggesting areas of improvement.
- Periodic administration of student feedback, analysing it, communicating it with faculty members, sharing insights with Competent Authorities for subsequent corrective actions have been the core activities of the Cell. The process has helped identify the strengths and areas of concerns, enabling the decision-makers to take appropriate actions.
- In order to further enhance quality in University's academic and research activity mix, an Internal Quality Assurance Cell (IQAC) was constituted in December 2019 vide Office Order No. JKL/VCO/148 dated 23/12/2019 that had more extensive representation from academic and administrative sections of the University besides having representation from alumni as well. Since then, the Cell has been carrying out its activities as mandated.
- Working in alignment with various statutory bodies, such as the Board of Management, Academic Council and Boards of Studies, the Cell has been able to infuse quality culture that is evident in all university activities.
- Right from the selection of students during the Admissions process (input), design and revision of the curriculum to include contemporary, industry-relevant topics, innovating in pedagogy and assessment mechanisms (process) and ensuring final absorption of the passing-out students in the corporate world (output), the Cell works to define and ensure accomplishment of SMART (Specific, Measurable, Achievable, Realistic, Timely) Course and Programme Objectives.
- The Cell also works towards analysing the term results. Trend analyses of such results have provided some valuable insights into the examination system, which have subsequently helped the University in improving the achievement of learning outcomes of various courses.

File Description	Document
Any additional information	<a href="#">View Document</a>

**6.5.2 Institution has adopted the following for Quality assurance 1. Academic Administrative Audit (AAA) and follow up action taken 2.Confernces, Seminars, Workshops on quality conducted 3. Collaborative quality initiatives with other institution(s) 4.Orientation programme on quality issues for teachers and students 5. Participation in NIRF 6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).**

**Response:** B. 4 of the above

File Description	Document
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 6.5.3 Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).

#### Response:

Since its foundation, the University has been actively engaged in improving the quality of its academic and administrative sectors.

#### Academic Improvements

The program curriculum is constantly revised to stay up with the rapidly changing corporate environment and meet its demands.

- The new MBA programme – is based on a trimester-based system, making it a compulsorily fully residential programme and involving experts from industry and academia to deliver complete courses. The programme's curriculum was built on the strong foundations of core domain skills augmented by providing courses to develop an interdisciplinary perspective.
- Another uniqueness was offering courses that helped students to think critically, communicate effectively and solve problems innovatively. A dedicated Centre for Communication and Critical Thinking was established for courses in these areas across the institutes and programmes.
- Offering a basket of elective courses from various areas such as Design, Engineering & Technology, Liberal Studies made it the right choice for those students who wished to excel in their careers.
- The University kept making incremental enhancement by adding new and value-added courses in its basket, which held its unique value.
- 'Learning by Doing' has been the core of teaching pedagogy adopted at the University. Intending to drive experiential learning and hands-on experience for the students, the University adopted Project-Based Learning (PBL) under the mentorship of Olin College of Engineering, Boston, USA.
- Collaboration with the University of Florida, allows our engineering students to attend the final semester there as an exchange student and later take admission in the Master's program at the University of Florida.
- JKLU also collaborated with IIT Gandhinagar for semester exchange, which benefits students in acquiring learning in one of the leading institutes of our own country. Rajasthan's first AIMA Business Lab was set up to make management education more engaging by stimulating the business environment for young management students.
- There is a growing thrust on blended learning through MOOCs and those have been appropriately tied up and made part of the course curriculum.
- The University has taken steps to build the ecosystem for encouraging research. The University encourages research by granting seed money to relevant and innovative research proposals.
- Design Research Centre has been set up to develop projects that contribute to new learnings for faculty members and students.



### Administrative Improvements

- During the pandemic, the University had tied up with Coursera to provide free MOOC certification to its Students, Faculty members and their family members, Alumni, and professionals from other businesses of JKO.
- The University has TCSION-LMS to manage and facilitate the teaching learning process.
- Faculty were provided training to understand and optimise the online teaching platform and learn techniques to maintain the students' engagement.
- To address the lockdown crisis and mitigate its profound impact, the employees were granted work from home.
- The University collaborated with Manipal Hospital to provide medical support to its students and employees. An ambulance service is available on campus to address any medical emergency.
- The University established sharing and caring helpline to help senior citizens during the lockdown.

File Description	Document
Any additional information	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

##### Response:

A gender-sensitive environment is promoted at the university. The University's academic environment fosters sensitivity, respect, and concern for one another. The life skills education training provided to students, instructors, and staff has resulted in a positive working relationship. In fact, the actual spirit of education is being implemented in the University, i.e. no discrimination based on caste, creed, or religion and gender including the third gender. The following steps have been made in compliance with IQAC:

- **Safety and Security:** The university has implemented a number of steps to safeguard women's safety and to establish a welcoming environment for the teaching-learning process. The campus, including hostels, are monitored by CCTV. Security guards patrol the main gate and the dormitories. There are separate hostels for boys and girls, each with caring and attentive wardens and adequate security systems.

JKLU creates and maintains a safe workplace free of sexual harassment and discrimination for all of its workers. According to the provisions of the "Sexual Harassment of Women at Workplace" (Prevention, Prohibition, and Redressal) Act, 2013, the university has a Prevention of Sexual Harassment (POSH) committee. The university offers a Medical Center that handles any medical crises involving female faculty and students. The indiscipline by students is referred to the Discipline Committee.

- **Counselling:** In its ongoing efforts to promote a comprehensive approach to student and faculty wellness, the university has partnered with "Your Dost - India's first and largest online mental health and emotional wellness coach." In addition, according to university policy, each student is assigned a mentor at the start of each academic session. Mentors help students who entrust them with their lives with academic, administrative, and personal issues. The POSH Committee provides proper gender sensitivity counseling to new staff and students during their induction.
- **Extra-Curricular Activities:** Every year, the university observes International Women's Day to educate students about gender issues and to emphasize the importance of gender parity. On a regular basis, seminars, guest lectures, and discussions are held. The University encourages female students to participate in intra- and inter-institutional competitions and cultural activities.
- **Common Room:** Boys and girls have separate common rooms in the hostels. Recreational facilities are available in these rooms.

Restrooms are well-maintained and secure, with basic amenities. The University fosters a culture of safety, trust, and mutual respect, as well as the overall development of all students.

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="#">View Document</a>
Annual gender sensitization action plan	<a href="#">View Document</a>

### 7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

**Response:** A. 4 or All of the above

File Description	Document
Geotagged Photographs	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

### 7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

**Response:**

- **Liquid Waste Management:** Leaks in the campus buildings' water supply pipes and water fittings are instantly located and repaired by a trained staff. The estate crew is able to remotely monitor the system. The amount of water utilized at JKLU is reduced by the proper design of water delivery systems. Furthermore, the habits of the university's students and employees play an important role in bringing about transformative change toward natural resource optimization. To save water, gardens are irrigated with a drip/sprinkler irrigation system. A sewage treatment system for the campus has been installed. This purified water is subsequently used for gardening and other activities. To avoid stagnation, liquid waste from sources of generation such as the canteen and toilet is discharged as effluent into an appropriate drainage system.

**Basic use of water in campus:**

- Drinking – 1000 KL/month
- Gardening – STP treated water / bore well water
- Kitchen and Toilets – 2000 KL/month
- Others – 500 KL/month

**Water storage facility at university:**

- Overhead Water Tanks - 76 Nos.
- Underground Water storage tank - 03 Nos.
- Avoid overflow of water-controlled valves are provided in water supply system.
- Close supervision for water supply system.

**The point of entry of water and point of exit of wastewater at university:**

- Entry- Water comes from five submersible pumps at campus
- Exit- Through water drainage pipes to Sewage Treatment Plant (STP)

On the JKLU campus, a sewage treatment plant (STP) with a capacity of 100 KLD is in operation, which aids in the removal of impurities from wastewater, largely from sewage created by the mess, hostel, and other buildings. The purified water obtained from the STP is then used for gardening.

- **E-waste Management:** The University has a Memorandum of Understanding (MoU) with M/s ETCO, E-waste Recycler Pvt. Ltd., Jaipur (ISO Certified 9001:2008), which is authorized by the Ministry of Environment and Forest (MoEF), the Government of India, and the Pollution Control Board to lift, recycle, and dispose of e-waste in accordance with their guidelines. M/s ETCO collects e-waste created at JKLU in accordance with applicable regulations for the collection, data destruction, refurbishment, and recycling of electronic, electrical, and IT waste in an environmentally friendly manner while maintaining data security standards as a high priority. ETCO puts its efforts to the eco- friendly recycling of all E-waste items while ensuring data destruction. Students and faculty are encouraged to dispose of any unneeded electronic devices with the appropriate university team.

<b>File Description</b>	<b>Document</b>
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View Document</a>
Geotagged photographs of the facilities	<a href="#">View Document</a>

**7.1.4 Water conservation facilities available in the Institution:**

- 1. Rain water harvesting**
- 2. Borewell /Open well recharge**
- 3. Construction of tanks and bunds**

**4. Waste water recycling****5. Maintenance of water bodies and distribution system in the campus**

**Response:** A. Any 4 or all of the above

<b>File Description</b>	<b>Document</b>
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.5 Green campus initiatives include:**

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. Landscaping with trees and plants**

**Response:** Any 4 or All of the above

<b>File Description</b>	<b>Document</b>
Various policy documents / decisions circulated for implementation	<a href="#">View Document</a>
Geotagged photos / videos of the facilities	<a href="#">View Document</a>

**7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:**

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions / awards**
- 5. Beyond the campus environmental promotion activities**

**Response:** A. Any 4 or all of the above

<b>File Description</b>	<b>Document</b>
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View Document</a>
Certification by the auditing agency	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.7 The Institution has disabled-friendly, barrier free environment**

1. Built environment with ramps/lifts for easy access to classrooms.
2. Divyangjan friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

**Response:** A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	<a href="#">View Document</a>
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Details of the Software procured for providing the assistance	<a href="#">View Document</a>

**7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).**

**Response:**

JKLU is a University where students are taught to coexist peacefully while also showing tolerance and respect for one another's diversity. The university has taken the following initiatives to instill in students the principles of peace, harmony, and tolerance:

- The university welcomes students of all religions, cultures, and ethnicities and celebrates various cultural, religious and celebrates a variety of cultural, religious, and regional festivals from around the country, such as Ganesh Mahotsav, Krishna Janmashtami, Garba, Vasant Panchmi, Dusshera, Navratri, Holi, Eid, and Christmas.
- JKLU employs people from all over the country and from various religious backgrounds, which helps to foster a climate of unity in diversity.
- Multicultural education is defined at JK Lakshmipat University as education that recognizes, values, and supports difference. It educates all students for life in a multi-cultural society not only through activities but also through the orientation program, which begins on the first day of university.
- JKLU also conducts events such as blood donation camps, clothing distribution for the needy, tree planting, and other activities that help our students build values in order to put the vision and mission into action.
- At JKLU, we educate students in a variety of ways. Tolerance is developed via the use of knowledge, creativity, communication, and liberty of thought. Various activities, such as 'Learnings from the Bhagavad Gita in Entrepreneurship, Management, and Leadership,' and (an annual sports meet), are hosted here to instill these values in our pupils.
- JKLU has created a culture of robust student-faculty engagement in order to instill a strong value system in students. Faculty members frequently counsel and advise students on how to build a

strong value system. JKLU has zero tolerance for students who deviate from the appropriate values.

- Several motivating lectures from renowned people in the spiritual and leadership disciplines have been delivered to students in order to inspire and motivate them.
- Students are taught to respect our country as well as its constitution. Republic Day, Independence Day, Teacher's Day, Mahatma Gandhi Jayanti, and others are commemorated on campus to express our gratitude to the nation and its leaders.

All of these steps at JKLU ensure development of a human being who respects each individual's distinct personality, lives in harmony with others, and is tolerant of cultural, regional, linguistic, communal, socioeconomic, and other differences. JKLU works hard to help students grow into whole human beings who possess values such as compassion, tolerance, and harmony for all.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View Document</a>

#### 7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

##### Response:

*“Always aim at complete harmony of thought, word and deed. Always aim at purifying your thoughts and everything will be well.”*

-Mahatma Gandhi

Every citizen of India is bound by certain constitutional expectations, such as respecting the country's ideals, exercising rights, and carrying out the duties and responsibilities that are required of them. The vision and mission of JK Lakshmipat University are in accordance with values of Indian constitution.

- JKLU commemorates all national festivals and national leaders' birth anniversaries, such as Gandhi Jayanti, Independence Day, Republic Day, Gautam Buddha Jayanti, and so forth. Through these events, JKLU hopes to instill a sense of responsibility in its students and employees.
- Course like Perspectives on Contemporary Issues, involve debates and discussions on a number of topics from various perspectives, to help individuals become more informed and responsible. This course teaches students about constitutional values.
- In response to the current pandemic of Covid-19, JKLU has conducted awareness programmes such as "Session on Combating Covid-19" and also launched a "Sharing-Caring" helpline for senior citizens in Rajasthan. This service is currently available throughout the country.
- Karima Jaria, Kingston College, London, successfully held a webinar on “Karma vs Corona: Can I Make a Difference?” on May 9, 2020. The webinar focused on how each of us, as individuals, can

make a difference during these COVID-19 testing periods. JKLU celebrates events like Ekta Diwas, Swami Vivekananda Jayanti, Matrabhasha Diwas etc. to instill constitutional values in students and employees.

- The sessions on "Water Conservation in Buildings," "Problem Solving in Daily Life," "Plantation Activities," and other topics promoted awareness among students and staff about the necessity of conserving water, planting trees, and therefore saving the earth.
- The university embraces the responsibility of informing citizens about the importance of education. In accordance with this, JKLU arranged "Education Awareness Event," followed by a resource distribution campaign, to encourage needy children to return to school with a grant.
- The university held talks on "Glorifying India's 40 Years of Achievement in Space" by well-known academicians, scientists, and business leaders, such as Mr. Kiran Kumar, an Indian space scientist and former chairman of the Indian Space Research Organization.

JKLU not only teaches about societal responsibilities and duties to students, but also exhibits them in real life, striving to mould students into responsible citizens.

#### **7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.**

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on Code of Conduct are organized**

**Response:** A. All of the above

<b>File Description</b>	<b>Document</b>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

#### **7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).**

**Response:**

The institution has routinely observed worldwide and national remembrance days, events, and festivals.

Curricular, Co-curricular, and Extra-curricular activities are all organized by the university and have an equal role in developing the students' careers. These activities promote holistic development by involving students in a variety of cultural, social, national, and international events. The institution takes a pluralistic approach to all religious functions and encourages students and faculty to do the same.



Throughout the year, JK Lakshmipat University organizes a number of activities, such as Gandhi Jayanthi, Teachers Day, Engineer's Day, Science Day, International Yoga Day, International Women Day, and so on. The primary goal of such events is to offer students with a platform to demonstrate and develop their abilities and talents, as well as to foster an atmosphere of personal bonding, unity, and instilling societal ideals. The following are some of the universities' major events:

- We celebrate Dr. Radhakrishnan's birthday as Teacher's Day on September 5th to observe Guru-Shishya parampara. Gandhi Jayanti is celebrated in our Institute on October 2nd every year to commemorate Mahatma Gandhi's birth.
- Besides these cultural events, the University has a Student Life Committee to assist students in making the most of their overall experience at the University and to provide opportunities for leadership and engagement outside of the classroom and academic programs.
- Student life committee nurtures clubs and works closely together with participating students. The clubs at student life provide platform to nurture their curiosity and groom their interest and skills.
- Various clubs established at the University cater to the technical, cultural, social, recreational, health and welfare needs of the students and provide them a platform to excel in their area of interest. These include Dance, Music, Dramatics, Wellbeing, Sports, Literary, Quiz, Debate, Robotics, Photography, Design/Art, Media, Coding, Community Development, Multimedia & Animation, Finance Business & Investment.
- Students also organize annual blood donation camps and social activities in the villages surrounding the university under the name of the student group "SAKSHAM," which is dedicated to helping individuals from underprivileged and poor backgrounds in Roti, Kapada, and Gyan.

File Description	Document
Annual report of the celebrations and commemorative events for the last five years	<a href="#">View Document</a>

## 7.2 Best Practices

**7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.**

**Response:**

**(A) Best practices-1**

**Title of the Practice: Establishment of Centre for Communication & Critical Thinking (CCCT)**

The World Economic Forum asserts that critical thinking is one of the most important skill along with communication skills and collaborative skills. Education should focus on preparing students for not just today's jobs but also tomorrow's jobs. Critical Thinking is one of the "competencies of the 21st century."

Tomorrow's aspiring professionals should be able to examine issues from different viewpoints to get to the real root of the problem. They should be able to think objectively, solve problems creatively, and express their thoughts coherently and logically. The ability to think critically, take rational decisions and

communicate ideas effectively is the key to personal and professional growth.

If communication is defined as a meaningful exchange of information, thoughts and feelings between two people, critical thinking is the core that gives this meaning. Communication begins with a thought, a feeling and an emotion. The mind builds on this thought before communicating it to the receiver. Critical thinking, quite simply, is a tool for building our thoughts in a coherent way.

In December 2017, JKLU founded the Centre for Communication & Critical Thinking (CCCT) with this idea. A space that nurtures and develops potential leaders who can think critically to solve problems and communicate effectively.

### **Objectives of the Centre**

CCCT partners with students to help them:

- Communicate effectively and concisely -- both written and verbal
- Develop critical thought -- skills in analysing and synthesizing issues and arguments
- Nurture overall personality development of learners
- Show awareness and appreciation of different perspectives from other cultures
- Develop employability skills

### **The Practice:**

The Centre works with students alongside their academic programmes through credit courses, communication lab, and by organizing events.

Six unique courses focusing on capacity building of students in the area of communication, critical thinking, negotiation, problem-solving and decision making have been developed by the Centre. These courses are offered as core courses across university. Active Learning Approach is used to teach these courses. All courses include activities that encourage students to do something that develops their skills, as opposed to passive learning, where information is simply passed on to students.

Besides courses, students attend 10-12 hours of compulsory Communication Laboratory, where they practice thinking, writing and speaking. Personalized learning pedagogy is used so that writing and speaking of students improves overtime. The formats that are used to conduct the lab sessions include:

- Reading Circles | Think
- Focused Groups | Write
- Public Speaking | Speak
- Open Office Hours |Mentor

The third important aspect of CCCT is organization of Events. The events are organized by the Centre to create awareness and give students exposure in various topics by external interface. On the other hand, students organize events that help them build confidence and improve their communication.

CCCT is one of the key innovations at JKLU that uses the constructs of liberal arts, scientific temper, group dynamics and interpersonal communication.

**Obstacles faced/ Problems encountered:**

There were a few obstacles in achieving the objectives of CCCT.

- There wasn't any reference point for the courses that we had designed.
- Students were apprehensive about the new courses.
- We faced challenges in making the courses engaging and relevant for the student. Getting the right faculty to teach courses like these was another big challenge. At one point of time, there were only two persons in the CCCT.
- It took us more than a year to win the acceptance from the student community. However, in the last two years, CCCT has succeeded in building a strong team and presence in students' life.

**Evidence of Success:**

- Centre's contribution towards capacity building of students is being acknowledged by our alumni as one of the important aspects that has helped them to become better professionals. The improvement in the summer internship and students' final placement was very apparent.
- CCCT initiatives, along with other academic practices of the University, have led to enhancing the job preparedness of students. The IQAC advised to assess the impact of CCCT's intervention on students.
- The Centre for Communication and Critical Thinking conducted a perceptual survey of students to find out the effect of CCCT interventions on their progress. In this survey, 270 out of 390 students participated. 80 percent of learners found the content of the courses and the pedagogy of teaching useful. They said they were helped by CCCT to improve their capacity to communicate, think critically and solve issues. They feel much more confident after these courses in presenting their ideas. Student perception survey conducted by the Centre showed that most of them believed their presentation, confidence, thinking skills had improved due to CCCT interventions.

**(B) Best practices-2****Title of the Practice: Industry and Community in Classrooms****The Context:**

Today's world and workplaces are diverse and ever-changing, filled with an array of opportunities for young people to work and fulfil themselves. The highest goal for higher education institutions is to prepare students for life, both professionally and socially. This can be accomplished once students have been introduced to business leaders from various walks of life.

Industry practitioners bring their knowledge and abilities into the classroom, which enriches the experience of students and prepares and motivates them to seek training or knowledge on real-world scenarios. The partnership between industry and education will enhance student experience as well as reduce the training cost of industry by ensuring that they are industry-ready at the time of graduation.

Apart from industry leaders, interaction with eminent speakers and scholars from around the world is crucial to educate young people about potential futures and what it would take to achieve them. This also

broadens students' horizons to see the world beyond their classrooms and local communities, and is a vital part of ensuring student success.

### Objectives:

- To bring real world application into classroom
- To provide basic skills necessary for employment within a particular industry
- To train students to solve real-world problems with ever-increasing complexity
- To encourage learning from eminent speakers' life experiences
- To expose students and faculty to diverse world-views

### The Practice

The IQAC acknowledged that a combination of academic and practical skills is important to generate employable graduates. This led to the practice of courses being taught with an industry-focused education that concentrates on both academic and practical skills. There are several courses that are being taught by industry experts along with an internal faculty member across institutes at the university. It exposes students to the practical aspects and, to a certain extent, the know-how so that they will be able to translate theories and concepts into practice.

The courses designed and delivered by industry experts help bridge theory and real-world practice. Apart from this, student mentorship by senior industry leaders is an integral part of learning process at the university.

University invites various eminent personalities to share their life experiences. Through this initiative, we want our students and faculty to develop a broader perspective. Eminent leaders from different walks of life, are invited to discuss specific issues which benefit students' knowledge of the domain and provide alternate perspectives, that helps them develop critical thought.

University has been organizing **Hari Shankar Singhania Memorial Oration** every year since 2014. Noble laureate and eminent Indian and foreign personalities have been invited to deliver the lecture. Stalwarts such as former President Pranab Mukherjee, former Prime Minister Manmohan Singh, noble laureate Kailash Satyarthi, Lord Meghnad Desai, Prof. Ram Charan and Dr. K. Kasturirangan have delivered these lectures since inception. They have encouraged students to take note of where their education might take them and inspired them to ask questions, explore, apply new knowledge and follow a path of lifelong learning by sharing their life stories and experiences.

Since 2015, **Distinguished Lecture Series** is a part of University's calendar. Experts from different domains are invited to express their opinions on current issues that are important for students and faculty. Topics like “The Art of Publishing: What, When, Where and How to Publish”, “Can Government Do Anything Right?”, “Co-Creating Sustainable and Ethical Future”, have been discussed by these experts.

JK LakshmiPat University, in its commitment to lifelong learning, has initiated the JKLU **Signature Session Series** by hosting regular webinars with veterans from various walks of life. The series of highly inspiring and enriching webinars is designed as a step towards continuous learning experience for students. An opportunity to connect with stalwarts who share their journey and perspectives that would inspire university students, faculty and staff, both in their respective careers and in their lives.

The **Industry Luminary Lecture Series** is another initiative by JKLU to develop students by introducing them to the business world through first-hand accounts by trained professionals. Such lectures are a way of extending student awareness with new developments on industries and technical know-how.

- Getting resource persons from industry who had time and interest in teaching was a big challenge.
- Even after getting a good industry mentor, it was difficult to match their availability with students' busy timetable.
- After facing initial challenges, we have now been able to find committed industry mentors and this has become an important feature of teaching-learning at JKLU.

#### **Evidence of Success:**

- Industry-based learning focuses on individual's problem-solving skills. Students are given real-life situational projects to operate in an 'industry in classroom approach'. In the classroom, an industry-based approach encourages a student to look at the real world, simulated in the form of classroom projects.
- A total of 49 courses were taught by industry expert during the last five years in various institutes of the University. 23 students of MBA programme (Batch 2018-20) were coached individually by eminent business leaders in a group of 2 to 4, for two years.
- Interaction with eminent speakers has helped to expand students' and the community's educational experience by bringing the brightest individuals to the campus to facilitate thought-provoking discussions and perspectives.
- Bringing dignitaries from a broad variety of disciplines helped students to cultivate a holistic and diverse view of life and society is our constant endeavour.

Since 2014 the University has invited numerous experts and stalwarts for guest lectures. The details of which are as follows:

<b>S. No.</b>	<b>Title of Event</b>	<b>Numbers of event Conducted</b>
1.	Hari Shankar Singhania Memorial Oration	06
2.	Distinguished Lecture Series	39
3.	Signature Session Series	10
4.	Industry Luminary Lecture Series	06

<b>File Description</b>	<b>Document</b>
Best practices in the Institutional web site	<a href="#">View Document</a>

### **7.3 Institutional Distinctiveness**

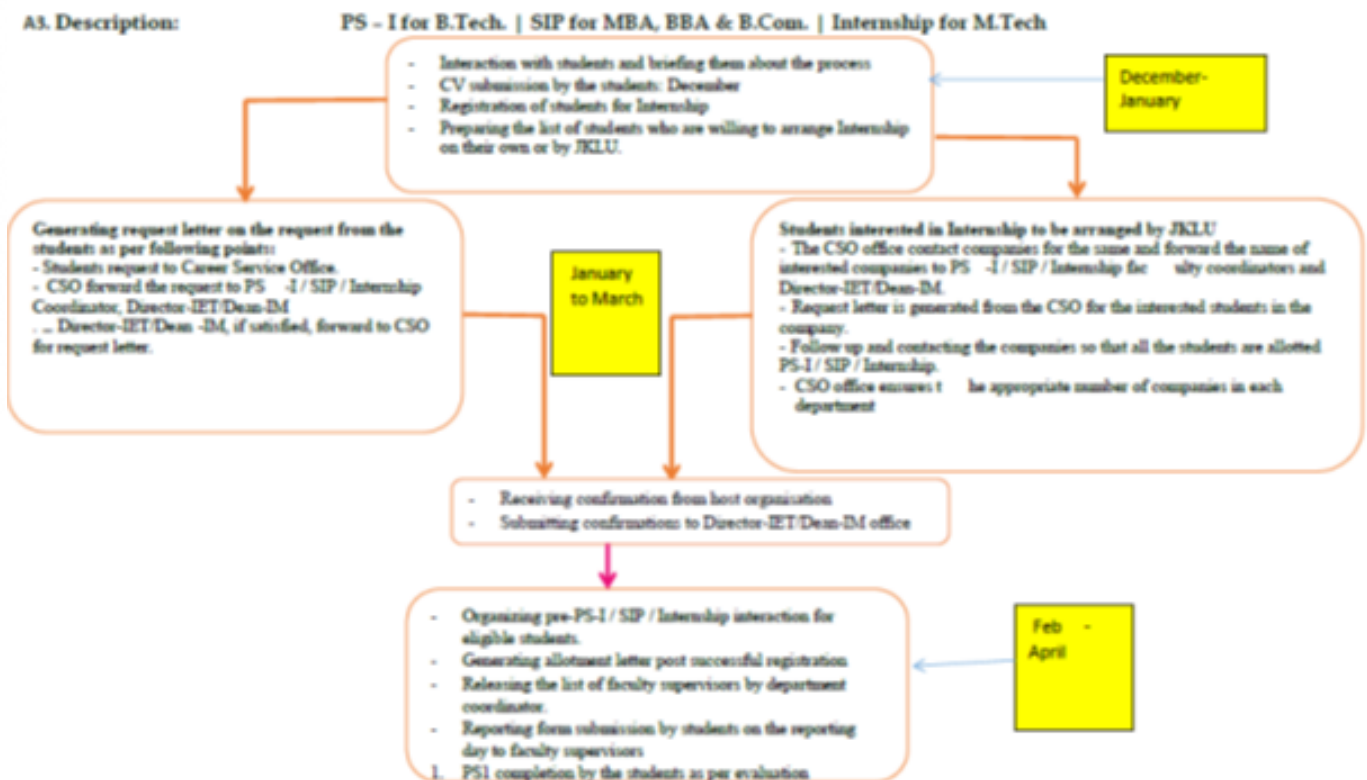
**7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words**

**Response:**

The University's Industry Immersion program reflects the vision of value-based innovative learning and the objective of instilling learning through comprehension, knowledge advancement, and skill development.

- **Industry Immersion** is an area distinctive to the University's priority and thrust. University has distinct industry immersion programs for its students such as project-based learning from 1st year, industry internships through Practice Schools (PS-I and PS-II) for engineering students, and Summer Internship Program (SIP) for BBA and MBA students. Such internships provide students with an opportunity to grow professionally, identify personal strengths and weaknesses, apply learned theory to practical situations, and gain an appreciation of the roles, duties, and responsibilities pertaining to the work that the students have chosen as their career.
- These programs vary in their levels of interaction with industry. It has been observed that not many Universities in India provide two internships mandatorily, especially at the undergraduate level; whereas JKLU provides **two internships** for engineering students. Even before the formal guidelines and procedures for industry internship were announced by AICTE, JKLU had already drafted the guidelines and procedures of internships and has been following the same since its inception.

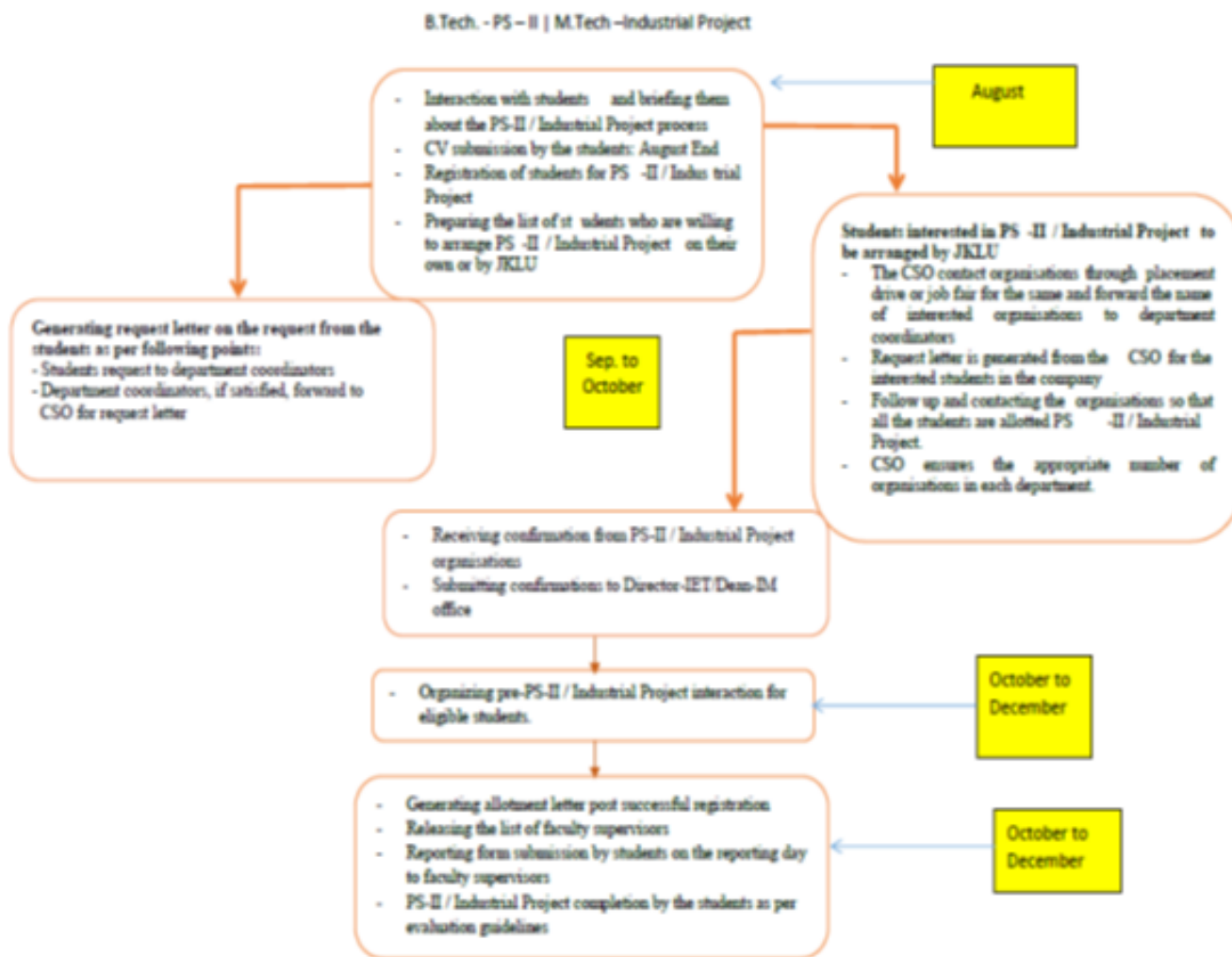
The process of Internships is described as follows: -



6

For clear view of this image, please click:

<http://naac.jklu.edu.in/wp-content/uploads/2021/07/Internship-Process-I.pdf>



For clear view of this image, please click:

<http://naac.jklu.edu.in/wp-content/uploads/2021/07/Internship-Process-II.pdf>

As part of this process, JKLU has the following internships as mandatory part of the curriculum:

- **B.Tech.**

PS-I: 4 credits | Duration: 6 to 8 weeks in the summer term.

PS-II: 16 credits | Duration: 16 to 20 weeks, an entire semester.

- **M.Tech**

Internship: 4 credits | Duration: 6 to 8 weeks in the summer term.

Industrial Project: 16 credits | Duration: 16 to 20 weeks, an entire semester.

- **BBA & B.Com.**

SIP: 3 credits | Duration: 6 to 8 weeks in the summer term.

MBA: SIP: 6 credits | Duration: 6 to 8 weeks in the summer term.

(In case of any unforeseen situations like in summer 2020 (due to pandemic), 3 credits can be earned while working from home, or even by doing certain types of courses online, based on specific approval).

Students learn workforce-related skills during industry internships through their industry mentors.

- The objective of PS-I is to provide the students with an understanding of working in the corporate world in various functions associated with an Industry/organization. During this program, they observe and learn various real-world applications of these curricula and develop an understanding of large engineering operations and their various facets such as information systems, management, human resource development, data analysis, etc. The general nature of PS-I internship is of study and orientation.
- PS-II is for one whole semester, and the objective of this program is to provide the students an opportunity to do problem-solving that involves real-world projects as well as teamwork. As per the recommendation of IQAC and approval in the Board of Studies, the student may also work on an entrepreneurial project instead of an industrial project.

Since JKLU strongly believes that students should apply their learning in real world situations, they have to work on their live project under the guidance of both Industry and Faculty mentors. They periodically connect and discuss students' performance and ways to improve it.

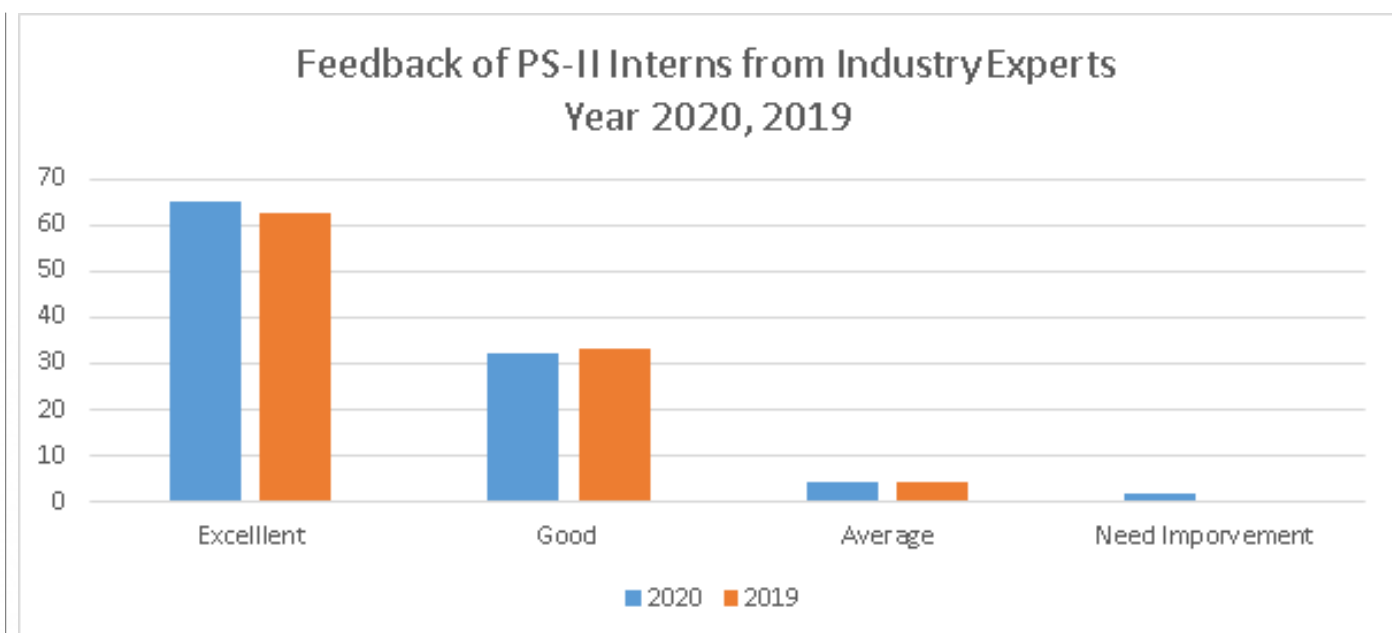
- Under the guidance of this unique blend, the students learn to apply their theoretical knowledge in the right perspective and in the right direction. The students have to earn certificates and credits, so they have to come up with a project that helps the organization and also adds value to their learning. In many cases, working on such a project leads to pre-placement offers to them.
- The students' projects are evaluated by not only mentors but also external examiners to provide them 360-degree feedback. Many students are paid stipend during their internship, reflecting the quality and seriousness attached to the internship.

The organizations for internships vary from international universities, Government organizations, Research Labs, MNCs, private companies to start-ups. Such scientific, rigorous, and regular internships are unique in themselves and inspiring for many others. The details of companies for the last three years are attached to the document.

The outcome of the Industry Immersion program may be observed as enhancement of student skills, confidence, adoption of the right career path, employment, and enhancing the brand value of the University.

Feedback of the years 2019 and 2020 of PS-II Internship rated by industry is as follows:





The summary of the internship opportunities provided to the students for the last three years and conversion to placements are as follows: -

Characteristics	2019-2020	2018-2019	2017-2018
Total no. of distinct companies for Internship(PS-II)	81	52	44
Number of students registered for PS-II	142	92	58
Total No. of Placements	94	55	24
PS-II converted into placements	56	20	7
Percentage( PS-II Converted into Placements/ Total number of Placements)	60%	36%	29%

University extends its gratitude to all the organizations that has supported our students during the COVID-19 pandemic period. They have taken care of our students' health, and provided them with the opportunity to Work from Home (WFH) wherever it might be feasible. New guidelines for an internship due to COVID-19 were designed, approved, and implemented.

The facts and observations mentioned in this document concluded that the performance of JKLU in completing its mission of learning through understanding, knowledge enhancement, and skill development is getting better every year.

File Description	Document
Appropriate web in the Institutional website	<a href="#">View Document</a>

## 5. CONCLUSION

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### Additional Information :

- University organized International Conference on Innovation & Sustainability (ICIS'21) during February 5-6, 2021. Prof. Amit Sheth, University of South Carolina, Dr. Abhinav Shrivastava, University of Maryland and Dr. Amit Kumar Pandey, Hanson Robotics, Paris were co-organizers in this conference. Total 196 full papers were received in 10 major tracks. The keynote speakers during the conference were Prof. Ramesh Jain, University of California, Prof. Milind Tambe, Harvard University & Google Research India, Prof. Dinesh Manocha, University of Maryland, Prof. Srinivas Parthasarthy, Ohio State University, Ms. Carmen Miranda renowned environmental activist, designer and journalist, UK, Mr. Uday Dandavate, Co- Founder & CEO SonicRim from San Francisco, USA, Mr. Kapil Kaul, Advisor CSR & Sustainability, JK Paper Ltd, Prof. Sushil Kumar, IIM Lucknow, Dr. Divya Rajput, India Lead-Incubator Manager, Texas Global Innovation Lab, and Mr. Chintan Bakshi, CEO at Startup Oasis, Rajasthan.
- National Helpline for Senior Citizens, by Ministry of Social Justice & Empowerment by Government of India & Government of Rajasthan, is a Senior Citizens Helpline which was awarded to JK LakshmiPat University in December 2020. Elderly can call on toll free number 14567 from 8:00 AM to 8:00 PM to seek any kind of help on all seven days of week
- M.Des is being offered from 2021-22
- Professor Dheeraj Sanghi, Former Professor – IIT Kanpur has joined the University and he is in the process of taking over as Vice Chancellor (VC). Currently, he has started functioning as VC-Designate

### Concluding Remarks :

JK LakshmiPat University (JKLU) is a small young university but one with aspirations of standing in the pantheon of great universities sometime in foreseeable future. JKLU's direction as well as approach are well in alignment with the aspirations and guidelines articulated in the New Education Policy 2020. Our curriculum and education system is geared towards grooming the whole professionals and informed citizens well equipped with the required 21st century skills for innovatively identifying and solving emerging and future problems of industry, business, and society and contribute to nation building.

Our chosen path to excellence is enshrined in our vision statement: Innovation. Whatever we do, we look at the best practices around the world and then see how we can innovate it further to suit our needs. For example, everyone talks about Project Based Learning. We too follow it, but with a difference. We collaborated with the world leader in PBL, Olin College of Engineering, US, and got our faculty trained who are coming up with very interesting models to even teach completely theoretical subjects like Mathematics through building projects.

Being industry-ready is another buzzword. Most often universities interpret it as knowing some current technologies and skills. But we innovate and we feel that ability to learn things quickly in a new environment is what industry readiness is all about. And to practice that philosophy, we ask our students in all programs to have internships in industry. There are many other examples of innovation one would find in JKLU.

Sustainability is an important theme for us and we organize an annual conference around it. Our students are connected to the society through various clubs which engage nearby villagers.

We also focus on bringing world class education to students in India by way of collaborations with reputed foreign universities. And we can do many of these experiments because we are backed by JK Organization, one of the oldest industry house in India with a history of philanthropy who do not put pressure on the university to generate sufficient resources for its own operations.

NAAC

## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.3	<p><b>Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years</b></p> <p>1.1.3.1. Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>246</td> <td>227</td> <td>212</td> <td>225</td> <td>230</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>140</td> <td>120</td> <td>130</td> <td>140</td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	246	227	212	225	230	2019-20	2018-19	2017-18	2016-17	2015-16	150	140	120	130	140
2019-20	2018-19	2017-18	2016-17	2015-16																	
246	227	212	225	230																	
2019-20	2018-19	2017-18	2016-17	2015-16																	
150	140	120	130	140																	
1.3.2	<p><b>Number of value-added courses for imparting transferable and life skills offered during last five years.</b></p> <p>1.3.2.1. <b>How many new value-added courses are added within the last five years.</b></p> <p>Answer before DVV Verification : 81</p> <p>Answer after DVV Verification: 68</p>																				
1.4.1	<p><b>Structured feedback for design and review of syllabus – semester-wise / year-wise is received from</b></p> <p><b>1) Students, 2) Teachers, 3) Employers,</b></p> <p><b>4) Alumni</b></p> <p>Answer before DVV Verification : A. All 4 of the above</p> <p>Answer After DVV Verification: B. Any 3 of the above</p> <p>Remark : Value has been changed as per documents</p>																				
3.1.2	<p><b>The institution provides seed money to its teachers for research (average per year, INR in Lakhs)</b></p> <p>3.1.2.1. <b>The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).</b></p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>3.89</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	3.89	0	0	0	0										
2019-20	2018-19	2017-18	2016-17	2015-16																	
3.89	0	0	0	0																	

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
3.89	0	0	0	0

3.1.6 **Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)**

3.1.6.1. **The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies.**

Answer before DVV Verification : 3

Answer after DVV Verification: 1

3.3.2 **Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.**

3.3.2.1. **Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
33	14	13	12	12

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
33	14	13	12	12

3.4.3 **Number of Patents published / awarded during the last five years.**

3.4.3.1. **Total number of Patents published / awarded year-wise during the last five years.**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
16	1	0	2	1

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
16	1	0	2	0

3.6.2 **Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years**

**3.6.2.1. Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
39	1	5	5	2

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
2	0	0	1	1

Remark : Only Government/ Government recognized bodies have been considered by the DVV

**3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years**

**3.6.3.1. Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
23	8	12	12	16

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
10	7	8	10	8

**3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years**

**3.6.4.1. Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
415	352	356	268	431

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
300	260	300	268	340

**3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year**

**3.7.1.1. Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
153	133	93	74	85

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
131	123	78	63	74

Remark : HEI has provided supporting documents for Collaborative activities " Internship " Only . Accordingly numbers have been changed after considering , one Collaborating institution only once , for different students .

**4.2.2 Institution has access to the following:**

- 1. e-journals**
- 2. e-ShodhSindhu**
- 3. Shodhganga Membership**
- 4. e-books**
- 5. Databases**
- 6. Remote access to e-resources**

Answer before DVV Verification : A. Any 4 or more of the above

Answer After DVV Verification: A. Any 4 or more of the above

**4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**

4.2.3.1. Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
18.73	29.42	16.33	29.29	31.86

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
18.73	14.42	16.33	29.29	31.86

5.3.1 **Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.**

5.3.1.1. **Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
3	6	4	7	4

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
0	5	0	3	0

Remark : Values have been changed considering only sports / cultural activities

6.3.2 **Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.**

6.3.2.1. **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
30	34	44	51	31

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
30	34	44	51	31

6.3.3 **Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.**

6.3.3.1. **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
17	15	8	5	9



Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
17	15	8	5	9

6.5.2	<p><b>Institution has adopted the following for Quality assurance</b></p> <ol style="list-style-type: none"> <li><b>1. Academic Administrative Audit (AAA) and follow up action taken</b></li> <li><b>2. Confernces, Seminars, Workshops on quality conducted</b></li> <li><b>3. Collaborative quality initiatives with other institution(s)</b></li> <li><b>4. Orientation programme on quality issues for teachers and students</b></li> <li><b>5. Participation in NIRF</b></li> <li><b>6. Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).</b></li> </ol> <p>Answer before DVV Verification : A. Any 5 or more of the above            Answer After DVV Verification: B. 4 of the above            Remark : Value has been changed as per supporting documents</p>
7.1.6	<p><b>Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:</b></p> <ol style="list-style-type: none"> <li><b>1. Green audit</b></li> <li><b>2. Energy audit</b></li> <li><b>3. Environment audit</b></li> <li><b>4. Clean and green campus recognitions / awards</b></li> <li><b>5. Beyond the campus environmental promotion activities</b></li> </ol> <p>Answer before DVV Verification : A. Any 4 or all of the above            Answer After DVV Verification: A. Any 4 or all of the above</p>

## 2. Extended Profile Deviations

### Extended Profile Deviations

No Deviations