



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	KONERU LAKSHMAIAH EDUCATION FOUNDATION (Deemed to be University)
• Name of the Head of the institution	Dr. G. P. S. Varma
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08632399977
• Mobile no	9948033033
• Registered e-mail	registrar@kluniversity.in
• Alternate e-mail address	iqacoffice@kluniversity.in
• City/Town	VADDESARAM
• State/UT	Andhra Pradesh
• Pin Code	522502
2.Institutional status	

• University	Deemed
• Type of Institution	Co-education
• Location	Rural
• Name of the IQAC Co-ordinator/Director	Dr. K. Ramakrishna
• Phone no./Alternate phone no	08632399999
• Mobile	9948131461
• IQAC e-mail address	iqacoffice@kluniversity.in
• Alternate Email address	deanquality@kluniversity.in
3. Website address (Web link of the AQAR (Previous Academic Year))	https://www.kluniversity.in/IQAC/pdfs/AQAR_2019-20.pdf
4. Whether Academic Calendar prepared during the year?	Yes

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.16	2013	05/01/2013	04/01/2018
Cycle 2	A++	3.57	2018	02/11/2018	01/11/2023

6. Date of Establishment of IQAC 10/10/2011

7. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Department of Electronics & Computer Engineering	FIST	DST	16.12.2016 (5 YEARS)	6900000

Department of Physics	FIST	DST	20.12.2018 (5 YEARS)	11200000
Department of Electronics & Communication Engineering	FIST	DST	07.01.2020 (5 YEARS)	10500000
Department of Bio Technology	Reserch Scheme Project	ICMR	01.07.2019 (1 YEAR)	1829000
Department of Commerce	Reserch Scheme Project	ICSSR	13.12.2019 (3 YEARS)	700000
Business School	Reserch Scheme Project	ICSSR	13.12.2019 (3 YEARS)	940000
Department of Creative Arts And Media Studies	Reserch Scheme Project	ICHR	28.12.2020 (2YEARS)	300000

8. Whether composition of IQAC as per latest NAAC guidelines	Yes
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	4
<ul style="list-style-type: none"> The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report) 	Yes
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

- If yes, mention the amount

11. Significant contributions made by IQAC during the current year (maximum five bullets)

1. Developed a system and procedures for Blended Learning (online and offline), which is inn continuation to online teaching and evaluation conducted during lockdown period 22 March to 2 June 2020 (72 days). These procedures are implemented during the Academic Year, 2020-21 too successfully.

2. Monthly Audits of all Departments, functionaries and Units have been conducted every month based on the monthly reports submitted by various departments and cells. Corrective actions are initiated for improvement.

3. Conducted one 1-day Seminar on Quality Assurance and one 2-day National Seminar on Quality Assurance (3rd QAHEI-2021), which helped in sharing and disseminating information pertaining to quality assurance, enhancement and sustenance across hundreds of faculty from six different states of the country, with the active support of Quality circles.

4. Celebrated World Quality Day 2020 (Creating Customer Value) on the second Thursday of November 2020. Identified and rewarded Faculty, staff and students, who have excelled in terms of academics, research, etc. and contributed for enhancement of quality in the University during the previous academic year, i.e. 2019-2020.

5. Coordinated and obtained ISO 9001:2015 Surveillance Certification for 2020-21.

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Preparation of Academic Calendar and Auditing Calendar of events once in a month	Auditing of conduction of various events as per the calendar has been undertaken and the non- conformances have been reported. This helped in achieving the required outcomes in all tasks pertaining to all functionaries.
Auditing set of elements which are included into a specific report on monthly/quarterly/half-yearly basis	All the elements pertaining to NAAC, NIRF, etc. have been included into the monthly report format and were audited; non- conformances have been raised and the same are followed up to ensure that the functionaries have taken up the corrective action.
Coordinating for ISO certification	Coordinated for ISO 9001 and obtained certification.
Review of a set of processes that are	Targets have been set up for each quarter (25% of the requirements), half- year and three-

related to R & D	quarters of the year. This helped in closer monitoring and helped in achieving best possible outcomes, e. g. Number of publications - Quarterly targets helped in knowing the exact status for initiating necessary corrective action.
Developing documentation Standards	Documentation standard for monthly report has been developed and the same is being used by the departments for reporting progress related to various parameters.

13. Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
BOM	10/12/2021

14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

No

15. Whether institutional data submitted to AISHE

Year	Date of Submission
2019-20	20/02/2020

Extended Profile

1. Programme

1.1 Number of programmes offered during the year:	37
1.2 Number of departments offering academic programmes	16

2. Student

2.1 Number of students during the year	15145
2.2 Number of outgoing / final year students during the year:	3725

2.3	Number of students appeared in the University examination during the year	14725
2.4	Number of revaluation applications during the year	115
3.Academic		
3.1	Number of courses in all Programmes during the year	1007
3.2	Number of full time teachers during the year	812
3.3	Number of sanctioned posts during the year	889
4.Institution		
4.1	Number of eligible applications received for admissions to all the Programmes during the year	112403
4.2	Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	1573
4.3	Total number of classrooms and seminar halls	325
4.4	Total number of computers in the campus for academic purpose	4096
4.5	Total expenditure excluding salary during the year (INR in lakhs)	11242.36

Part B

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 University

All the courses in any program of study offered by KLEF Deemed to be university are developed with relevance to local, regional,

national and global developmental needs. The thrust areas are identified at all these levels from appropriate sources relevant to the program. All the local, national, and global needs are mapped to departments' mission, which are then disseminated into Program Educational Objectives (PEO's), Program Outcomes (PO's) and carried over to course outcomes (CO's).

The benchmark organizations considered to prepare the Program Development Document (PDD) are APIIC, APSSDC, NSDC, AICTE, NASSCOM, AP State IT policy, AICTE, National Skill Development Corporation, NBA, ABET, O*NET, World economic forum, etc.

The POs of a program carry components from contribution to the existing body of knowledge to the acquisition of general graduate skills; for example, for PhD programmes, the programme outcomes are mostly making 'contribution' in terms of discovery/invention or advancing a given discipline of knowledge, ability to work independently, etc. For PG programmes, the programme outcomes generally are mastery of the subject knowledge, its application in relevant contexts and so on, and for UG programmes, the programme outcomes are: understanding the course/subject concepts, learning effective communication skills and lifelong learning.

File Description	Documents
Upload relevant supporting document	View File

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

18

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

741

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

248

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

37

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3 - Curriculum Enrichment

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

The Institution integrates several cross-cutting societal issues into the curriculum. Following are the efforts made by KLEF in this direction.

Gender

Keeping in view the growing number of offences against gender at criminal, social, physical, and psychological levels expert lectures on gender-related issues are regularly organized in the Institution making them aware of 3rd wave and 4th wave feminism, and the difference between gender equity and gender equality.

Environment and Sustainability

The course "Ecology & Environment" related to ecosystem; its balance & sustainability is an integral part of the curriculum. University prescribed this course for creating awareness and developing importance of environment among students. Awareness about Environment is necessary for the protection of the environment and survival of human life. The aim of this subject is to make the students aware of the importance of the ecosystem to human life.

Moral Values, Human Values & Professional Ethics:

The course "Human Values & Professional Ethics" is an integral part of the curriculum. Students will be able to understand the importance of ethics and values in their personal, social & professional life after studying these courses. This subject provides a free environment for inculcating values and developing ethical competence among the students.

File Description	Documents
Upload relevant supporting document	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills

offered during the year**46**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above**1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year****6308**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year**13705**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System**1.4.1 - Structured feedback for design and review of syllabus - semester wise / is received from Students Teachers Employers Alumni**

- All 4 of the above

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile****2.1.1 - Demand Ratio****2.1.1.1 - Number of seats available during the year****5244**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

1367

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

Soon after admission, a test in general basics like Quantitative Aptitude, Language Skills and Reasoning is administered to assess gaps in learning styles. Students then undergo some bridge course, if required. After the commencement of the B. Tech. program, they are assessed again and classified as advanced and slow learners.

Programs for Advanced learners are designed to provide educational advancement through curriculum compacting and topic enrichment. A few courses are delivered more rapidly so that the core courses can be dealt with in greater detail with additional activities and assignments. The top performers may get the chance in the enhancement of credits by registering for further courses in advanced mode.

Advanced learners are encouraged to participate in peer-learning and peer activities will lay a foundation for self-learning and greater understanding of the course. The slow learners are identified at regular intervals and remedial classes are scheduled and conducted to ensure the attainment of necessary learning outcomes.

The students are recognized as slow and advanced learners through continuous evaluation process and also based on the performance of the students after conducting comprehensive exams based on CGPA/Backlogs. Slow learners are counseled and corrective measures are taken by giving training outside normal hours.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional	https://www.kluniversity.in/site/acadboard.htm

Information	
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2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
15145	812

File Description	Documents
Upload relevant supporting document	View File

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

The importance of student-centric methods and the three principal learning modes are given due importance in designing the curriculum at KLEF and this aspect is made a regular component in evaluation.

Participatory Learning: At KLEF, Active Learning Methods (ALMs), viz. Group Discussions, Workshops, Assignments, think-pair-share, one minute paper, etc. help students whose learning style is in synchronization with Participatory Learning. These student-centric methods considered the short attention span of the students. Every course has incorporated these techniques, which make the student actively interact with the faculty.

Experiential Learning: ALMs like Lab Taken to Class (LTC), simulations, animations, case studies etc. cater to students who prefer Experiential Learning. In LTC, students undertake lab work immediately after completion of the relevant concepts in the classroom. The course named Design Thinking Innovation was conducted for the students across the University as DTI- I&II. This has given opportunity for the students and faculty on experiential learning.

Problem Solving Methodologies: The tutorial components and case study based learning for majority of the core courses focus on enhancing the problem-solving skills. The tutorial sessions provide an opportunity for the students for a one-on-one interaction with the faculty and come up with better solutions for the problems.

File Description	Documents
Upload relevant supporting document	View File

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

Teaching is no longer confined to the classroom, with chalk and talk. With the ongoing pandemic situation that has raised the need of usage of Information Communication Technology (ICT) tools for the delivery of the course became the need of the hour. Various

ICT tools, viz. in-house LMS, ERP respectively and Canvas of Wiley, Cisco WebEx, Microsoft Teams, LinkedIn Learning and Coursera were for the delivery, and for assessments, both formative and summative. The classes were conducted in blended mode. In the online mode the classes were conducted using Cisco WebEx, Microsoft Teams, wherein some of the assessments were done using breakout rooms, where the faculty were in direct communication with the students to monitor the progress of the task given to them. The laboratory sessions were also done using ICT tools like the remote LABs, the virtual LABS and by the usage of simulation softwares.

LMS: The learning management system is used to create professionally structured content. The teacher can add images, videos, text, pdf files, (links) interactive tests, slide shows, etc. LMS helped to streamline the communication between students and instructor. It delivers learning content and tools straight to learners and assessment can be automated.

File Description	Documents
Upload relevant supporting document	View File

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

782

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

812

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

591

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

4466

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

210

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year****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 year**

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

115

File Description	Documents
Upload relevant supporting document	View File

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

The internal assessments are categorized into summative and formative assessments. The summative assessments are conducted as prescribed for the End semester exams. The formative assessments which are aimed at continuous evaluation are conducted using a Learning Management System (LMS)/ERP.

The summative tests at KLEF are conducted with multiple-level scrutiny during the framing of the question paper and uploading on the ERP. Each question paper undergoes department Subject Expert review followed by a review by the Head of the Department and then

the Dean (Academics) to ensure that all course outcome indicators are covered in the appropriate BTL levels as mentioned in the course handout.

The end-semester answer scripts are blind marked with the help of bar-coding on the papers. The process of encoding and decoding the answer scripts is done using ERP and makes the process hassle free, fool-proof and confidential.

The following aspects related to the examination cell are automated.

1. Student Exam fee payment for regular and supplementary (digital transactions support)
2. Hall ticket generation (paperless and removal of manual issue of hall-tickets)
3. Exam seating arrangement (hassle free and quick announcements)
4. Result processing and declaration (quick and single source of results)
5. Certificate Printing.

File Description	Documents
Upload relevant supporting document	View File

2.5.4 - Status of automation of Examination division along with approved Examination Manual	A. 100% automation of entire division & implementation of Examination Management System (EMS)
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File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

A student's assessment process is examined through one or more of the following methods as decided by the Course Coordinator in the course handout and duly approved by the Dean-Academics.

Frequency of assessment:

During a semester there shall be maximum of two Semester-in-Exams of comprehensive type for duration of each 1.5 or 2 hours. The questions are equally distributed across the COs with equal weightage.

During a semester there shall be only one end-semester examination of comprehensive type for duration of 3 hours comprising questions mapped to all COs.

A minimum of 2 formative assessments per each CO of a course is conducted, the type of formative assessments and number of assessments conducted are as per the discretion of course coordinator duly mentioned in the course Handout.

For Projects, interim review and seminars are conducted once in a month.

For Internship courses reviews will be conducted every fortnight.

For lab and skill-based courses, a minimum of one internal assessment and one external assessment.

The distribution of weightage for various evaluation components will be decided and notified by the course coordinator through the course handout after approval by the Dean-Academics, at the beginning of the semester.

File Description	Documents
Upload relevant supporting document	View File

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

Course outcomes contribute to the realisation of the program outcomes. All the courses delivered as part of various programmes offered by KLEF are aligned with the program outcomes.

The course outcomes are further mapped with the programme outcomes which are aligned with the Blooms Taxonomy Levels (BTLs). Such set of Course outcomes (COs) and associated set of courses help in realising the program outcomes of various programs offered by the University.

The course outcomes are assigned as per the content and intent of the course. The learning objectives are taken into consideration while identifying the course outcomes. Generally, a 3-credit course has 4 course outcomes and a 4-credit course with lab component has 5 course outcomes.

Each course outcome is further divided into 2 or 3 course indicators. The course outcome indicators hint at the abilities to be displayed or performed by the students as a result of the knowledge acquired in the said course. Based on these indicators the assessment pattern and model is designed for both internal and external examinations.

Assessment of POs :

- Direct assessment is based on the achievements in the contributing courses of that PO
- Indirect assessment is based on the various surveys, Feedbacks.

File Description	Documents
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Upload relevant supporting document	View File
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2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

3628

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

<https://www.kluniversity.in/IQAC-FILES/AQAR2020-2021/Academics%202020-21/2.7.1>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

KLEF has a well-defined Research policy and University Research Board facilitates and monitors the overall research activities. Total R&D is organized into six sectors, viz. Academic Research, Sponsored-Research, Consultancy, IPR and Extension and Extramural Activities. All these domains are monitored by respective Associate Deans to report the progress to Dean R&D.

New faculty joining KLEF are inducted with R&D policies and guidelines regularly. Likewise, all new Ph.D. Scholars admitted to KLEF are also given clear directions regarding their program, opportunities and avenues for promoting quality research. Circulation of opportunities in terms of fellowships, call for proposals, nominating faculty for FDPs and awards has been a regular practice in KLEF. Databases like Clarivate, Web of Science, Turn-it-in plagiarism tool are used to increase the scope of literature review and to empower the students and faculty with large database for qualitative research.

Intellectual Property facilitation center supported by the Ministry of MSME is promoting filing of patents, copy-rights and trademarks by UG, PG and Ph.D. students along with faculty. This centre is also bringing awareness about IP-rights and issues. The incubation centers funded by DST, Miety and MHRD support the spin-off and start-up companies floated by students along with faculty members.

File Description	Documents
Upload relevant supporting document	View File
3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)	
57.27	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year	
57	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year	
53	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery	A. Any 4 or more of the above
File Description	Documents
Upload relevant supporting document	View File
3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year	
7	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
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 year (INR in Lakhs)

118.30

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

300.93

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

0.7204

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

Centre for Innovations, Incubation and Entrepreneurship (CIIE) at KLEF was started in 2015 with an objective to leverage the operations of innovations & incubations, creation of next generation Start-ups and Entrepreneurs and foster new innovations in different areas. CIIE nurtured young Entrepreneurs in the way of seed fund support and mentor networking. Several start-up companies initiated by Students came to existence with the support of CIIE in the last few years. Enterprise development is one of the thrust areas of the country, which can be achieved by way of providing hand holding support to the Startups in selection and operation of selected projects/enterprises.

CIIE provides necessary facilities for the prospective next generation entrepreneurs and start-ups to learn product manufacturing processes coupled with business skill development and other support services those required to start a business. CIIE also enhances hand holding and mentoring for Start-ups and to equip them with knowledge and expertise for efficient handling. Handholding and mentoring provides an opportunity to acquire skills on technical trades and gain exposure in all areas of

business operations such as business skills development, identification of appropriate technology, hands-on experience on working projects, projects/product selection, opportunity guidance including commercial aspects of business, etc.

File Description	Documents
Upload relevant supporting document	View File

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

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

45

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

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

71

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

- Inclusion of research ethics in the research methodology course work
- Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
- Plagiarism check
- Research Advisory Committee

A. All of the above

File Description	Documents
Upload relevant supporting document	View File

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

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

196

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

94

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

2315

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

2448

File Description	Documents

Upload the data template	View File
Upload relevant supporting document	No File Uploaded
3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS	E. None of the above
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
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	
<p>KLEF Deemed to be University has a well-defined consultancy policy and University Research Board facilitates and monitors the overall consultancy activities. The consultancy service is one of the R&D sectors being monitored by Associate Dean-Consultancy. Consultancy is a professional work undertaken by faculty members of University in their field of expertise for clients outside the institution for which some financial return is provided. Showcasing the research facilities and all functional equipment by circulating consultancy brochure for attracting the industries to have MoUs with KLEF for collaborative research with the consultancy project works is a regular practice. The main aim of doing consultancy projects is to create links between the Institution and external organizations/Industries/business centers that will aid the institute in areas such as increasing research opportunities thereby helping the Institute in achieving its mission of knowledge transfer to improve the local and regional economies.</p> <p>All Consultancies are required to be approved and managed in accordance with the consultancy Policy and associated documents. Applications to conduct Consultancy will be approved through proper channel. The revenue generated from the consultancy project is shared by the member and the University in a 70:30 ratio for research consultancy and 30:70 ratio for non-research consultancy.</p>	
File Description	Documents
Upload relevant supporting document	View File
3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)	
3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)	
40.99	

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 year

As part of its academic curriculum, KLEF has initiated promotion of institutional social responsibility through activities undertaken in the neighborhood rural community. They aim at combining social needs, professional expertise and skilful implementation of schemes. Further, they provide students an opportunity to integrate multiple direct benefits like working in teams, working with government/non-government agencies and exposure to real time working environment. An indirect benefit is to make students aware of the problems faced by rural community and the need to alleviate them through application of technology. This initiative has resulted in outreach programmes in nearby villages like Pedavadlapudi, Peddapalem, Atmakuru, Pedakonduru, Ippatam, Kolanukonda, Vaddeswaram, etc.

The extension activities are undertaken among targeted communities by floating awareness programmes. The most important side of the outreach activities is to inculcate among the students the habit of finding appropriate solutions through their ongoing studies. From 2012 the KLEF Centre for Extension Activities (CEA) has taken up several initiatives to launch programmes involving the faculty, students and the local community. The impact of the programmes is reflected in the improved living conditions and a proactive, participative interest among students which augurs well for the future when they handle projects of greater magnitude.

File Description	Documents
Upload relevant supporting document	View File

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 year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

8

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including

Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

109

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

13047

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the 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 during the year

2740

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

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 year

21

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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.

KLEF Deemed to be university was established in 1980-81 as KLCE, which was upgraded to Autonomous status in 2006 by UGC and was declared as Deemed to be University in 2009 by UGC, MHRD, Govt. of

India. In 2012 as a Deemed to be University, the institution was accredited by NAAC with A grade and in 2018, it was re-accredited by NAAC with A++ grade. In 2019 UGC, MHRD declared this institution as category-1 institution.

The University has adequate number of classrooms with all the ICT facilities like LCD projector, audio visual facilities, Wi-Fi/LAN, labs, tutorial rooms as per norms. The classrooms, floors are kept spic and span with dust and wet mop. All the Laboratories in the University work from 7.00am to 9.00pm for the practical needs of the students. All the laboratories are provided with well-trained technicians. A Professor-in-charge is assigned to each laboratory to take care of the requirements of the laboratory.

The University has 8Gbps internet connectivity around the campus with the help of access points and LAN. The University has 5645 computers for academic purpose to satisfy the statutory norms (AICTE, COA, Bar Council, PCI, etc.) of 1:4.

File Description	Documents
Upload relevant supporting document	View File

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

Sports Facilities, Games & Cultural Activities

KLEF believes and promotes the holistic development of an individual. The University nurtures the sporting talents of the students, teaching faculty and non-teaching staff. A well equipped sports complex provides indoor and outdoor sports and games catering to both boys and girls.

There are around 33 sports fields that can accommodate more than 1000 students simultaneously. In addition to this the University also has a yoga centre and a modern gymnasium with coaches to provide specialized training to students as well as members of teaching and non-teaching staff.

The facilities available in the department of sports at present are sufficient. The sports department of KLEF is developing the required facilities every year to meet the ever increasing strength of students.

CULTURAL ACTIVITIES:

KLEF believes in creating space for students to explore latent talents and provides platform to showcase such creative skills and interests through the specifically created organization KLUSO (KL University Student Ordinate). This consists of the hobby clubs that promote various cultural activities, team skills and management skills. The clubs are:

- Aastha
- Arohan

- Abinaya
- Maya Club
- Narthana Club
- Samskriti
- Prakriti Club
- Swara Club
- Vachas
- Yantrana

All relevant information is available in the website.

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

KLEF is spread over 44 acres with a total instructional area of 1.5 lakh Sqm. The planning, development, management and maintenance of infrastructure facilities are monitored by Dean-Planning and Development. The Physical space is provided in terms of 16 different blocks, open areas, tree plantations and roads. The University has top class academic infrastructure facilities as per AICTE norms. The augmentation of the physical facilities is on par with academic growth. Following is a brief account of physical facilities created. The University has 168 smart classrooms for UG courses and 72 for PG courses. Each classroom is fitted with LCD, Audio system, PC, a CCTV and WIFI connectivity. 18 classrooms have digital boards. The other facilities include 4 Workshops for UG students, 5 Computer Centres, 4 Drawing halls, 1 Central Library, 10 Department Libraries, 8 Seminar halls and 10 Conference halls.

KLEF has 293 academic labs and 16 research labs along with five special labs. The total capacity of labs is 2500. KLEF has exclusive Centers of Excellence in: 1) Aerospace Engineering 2) Embedded systems 3) Atmospheric studies 4) Alternate Energy 5) Antennas. With the available computing facilities, Online test for over 1500 students can be administered simultaneously.

File Description	Documents
Upload relevant supporting document	View File

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4447.15

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has

digitisation facility

Library Automation: The Central Library employs RFID technology for access control, automatic issue and return of library documents and stock verification of library holdings. Further, the Library has a smoke alarm system, and automated sprinklers in case of fire accidents. The library has Koha: An Open source Library Management Software and Fully Automated with RFID technology. The Central Library had automation with Barcode using ERP Library Module and the Digital Library had 90 computers for access of E-Resources. The Library provides services like Reference Service, Photo copying Service, Digital Library Service, Resource Sharing (Inter Library Loan) Service, Web OPAC and the newspaper clipping services were initiated. The Library developed a Separate Library web-portal which connects E-Journals, E-Books, Databases, etc. A dedicated IP address has been provided for access of NPTEL Lecture and Web courses and Library organized User Education Program for the students.

Library provided Institutional Repository services using DSpace: A Digital Library software and all the documents published in the University are made available in the digital form. Library is upgraded to provide quality Library services using ICT and provides RFID Security and Surveillance Systems. Check-in, searching for titles, issues and check-outs are automated with RFID Library Management System.

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e - journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

400.86

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

1624

File Description	Documents
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Upload relevant supporting document	View File
4.3 - IT Infrastructure	
4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year	
325	
File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File
4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility	
<p>KLEF Deemed to be University has a policy to create and enhance IT facilities to promote vertical and horizontal mobility for Research and also advancement in teaching learning methods. A centralised server that is operational 24/7 is maintained regularly to provide uninterrupted IT services for students and staff. The University has firewalls in place to prevent hacking and cybercrime. The LAN firewalls provide limited access thereby protecting sensitive data. The University updates IT facilities regularly. New labs for mechanical and civil engineering departments were established with 108 HP Systems, AMD processors, 4 GB RAM, 500 GB HDD, during 2012-13. During 2013-2014, HPC is installed which provides cloud environment within the campus. Majority of services like internet, e-mail services CCTV monitoring etc., are provided by the DATA CENTER which houses IT Networks, Infrastructure in the campus. During 2014-15, "Cyber roam firewall" (CR 2500 ING-XP) has been procured. During 2015-16, Architecture Lab was established. In 2016-2017, Elite Lab is established. The University has a 24/7 Wi-Fi facility for students and faculty members to avail internet connection in the entire campus.. KLEF has State-of-the-Art Data Centre with advanced servers provides highly interactive learning environment with full fledged hardware and software training facilities.</p>	
File Description	Documents
Upload relevant supporting document	View File
4.3.3 - Student - Computer ratio during the year	
Number of students	Number of Computers available to students for academic purposes
15145	4630
4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	• ≥ 1 GBPS
File Description	Documents
Upload relevant supporting document	View File

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing	A. All of the above
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File Description	Documents
Upload relevant supporting document	View File
Upload the data template	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

489760410

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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.

1. Laboratories:

KLEF University has state-of-the-art laboratories manned by qualified technicians. The lab technicians work in shifts to support the laboratory/project/dissertation/research work. All the laboratories in the University are open from 7 am to 9 pm.

2. Library:

The Central library has been allocated three floors in the 7-storey fully air-conditioned Building. Apart from the central library every department of the university runs its own department library. The library is kept open from 7 am to 10 pm on weekdays and 9 am to 5 pm on Sundays and other holidays.

3. Sports Complex:

KLEF has established a Rs. 1.5 crore sports complex housing various indoor sports like Table-tennis, Tennicoit, Chess, Wrestling, Gymnastics etc. There are 33 sports fields, 2 gyms, a cricket and foot-ball field, 6 basketball, Two tennis and four badminton courts.

4. Procurement/Renovation/Up gradation of computer facilities:

KLEF purchased a supercomputer worth Rs.1.25 Crores in 2014. With that a stream of High-end services are made available on the campus. The campus currently has 8 GBPS of high-speed internet-facility.

5. Class Rooms:

The University has adequate classrooms (300) with all the ICT facilities like LCD projector, audio visual facilities, Wi-Fi/LAN, labs, tutorial rooms as per statutory norms.

File Description	Documents
Upload relevant supporting document	View File

STUDENT SUPPORT AND PROGRESSION**5.1 - Student Support**

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

10715

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

11960

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution
Soft skills
Language and communication skills
Life skills (Yoga, physical fitness, health and hygiene)
Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases
Implementation of guidelines of statutory/regulatory bodies
Organisation wide awareness and undertakings on policies with zero

• All of the above

tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

485

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

5.2.2 - Total number of placement of outgoing students during the year

2176

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

829

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

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 year

23

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

KLEF Deemed to be University has a Student Council comprising of 20 student representatives (10 boys & 10 girls). Of these, 10 members are selected on the basis of academic performance as well as various competitions. The other 10 members are nominated by the Heads of the Departments. Student Council is a central body which monitors the academic, co-curricular and cultural events like NCC, NSS, Samyak, Surabhi and all the other events organized in and around the University campus. The Student Council plays an active role in scheduling and implementing these programmes and also in mobilizing the infrastructural and manpower requirements for the conduct of various state-level or National-level festivals. Apart from the Student Council, the University has various committees with adequate student representation.

Board of Studies: The BOS is supported by feeder committees with the DAC (Departmental level academic council) and the DDC (Departmental Level Development committee). These bodies have adequate representation of students who provide feedback on the syllabi and implementation.

Library Advisory Committee: Opinion of the students on matters related to adequacy and availability of books, e-resources, etc. are considered.

Hostel Advisory Committee, Transport Advisory Committee, Sports Advisory Committee and Canteen and Cafeteria Committees have student representation.

File Description	Documents
Upload relevant supporting document	View File

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

48

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 during the year

Alumni are one of the main stakeholders of KLEF as they contribute immensely in overall development of the University in multiple dimensions. KLEF Alumni Association was formed in 2013 with seven local chapters in India and one in USA. Every chapter was provided with administrative set-up to provide interface with the alumni in the neighborhood of the chapters and University.

Alumni have been contributing immensely - both financially and non-financially. Till date in this year Rs. 15 Lakh was contributed by them, which will be utilized towards development of Research Labs, Gold Medals for meritorious students and in Covid relief activities during pandemic, etc. Alumni are contributing non-financially by being the members of BOS, Mentoring, delivering Guest lectures, Internships, Placements, assisting students in admissions at Foreign Universities and motivating students to become entrepreneurs.

Alumni have contributed extensively in restructuring the syllabi, bridging the gap between industry and academics through skilling. Alumni working at reputed research institutes located globally are helping research scholars in their research and in paper publications in reputed journals with high impact factor. Alumni are supporting to develop quality standards that could be used for enhancing and raising high quality of delivery of educational system.

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. \geq 5Lakhs

File Description	Documents
Upload relevant supporting document	View File

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

Vision:

To be a globally renowned university.

Mission:

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

The above mentioned Vision & Mission are reflected in academic and administration governance as under:

Academics: Incorporate into the curriculum the application orientation and use high standards of competence for academic delivery; Design and implementation of educational system adhering to OBE.

Research: Creation of ambience that is conducive for undertaking sponsored research, internal funded research and offering consultancy services to wide spectrum of originations;
Establishing centers of excellence in frontier areas of research and design innovation centers with industry collaboration;
Promotion of International conferences/Seminars/Workshops in collaboration with professional bodies for creation of avenues for research exchange.

Infrastructure: Promotion and maintenance of state-of-the-art facilities for academic delivery, research and co- and extra-curricular facilities and develop congenial and eco-friendly residential campus.

Governance: Institute measures for transparent administration that aid in improving efficiency, accountability and reliance.

Quality: Internal quality Assurance cell monitors all quality systems of the University.

File Description	Documents
Upload relevant supporting document	View File

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

KLEF University has a well laid practice of decentralization and participative management. Different committees are constituted, viz. Board of Management, Academic Council, Board of studies, Research Board, etc. The roles and responsibilities of office bearers and authorities and the structure of such organizational units are defined as per the UGC regulations. Students are also nominated to the departmental and university level units to participate and contribute in the discussions related to various academic and administrative matters and necessary actions are being taken. Planned and scheduled working, agenda based discussions, recording resolutions, entrusting responsibility and follow up with actions to be taken, etc. are practiced in the organizational units.

Case study showcasing the practice of decentralization and participative management in KLEF: To ensure realization of vision and mission of the university the design and development process of curriculum is initiated taking into consideration the stated customer needs and overall goals of the university and statutory bodies, viz. AICTE, UGC, etc. Dean-Academics provides a general framework of curriculum considering the recommendations of the statutory bodies, all round development and competitiveness of the students, ALMs, global, regional and local needs, evaluation patterns, etc. The same is implemented by the Heads of departments.

File Description	Documents
Upload relevant supporting document	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

KLEF University has taken pragmatic approach to meet long term vision and mission statements. The following objectives are incorporated to meet the emerging technologies:

1. To produce technical professionals abreast with emerging technologies, mind-set and ethical values synchronous with the futuristic requirements of the University.
2. To design, develop and implement curricula of various programs using dynamic and responsive processes, in tune with the global needs.
3. To ensure an environment where students, faculty and staff are encouraged to enhance their intellectual curiosity and improve their technical and professional skills through Continuous Development Programs.
4. To accelerate its research programs in various fields to cope up with the growing demands of both industry and academia.

Strategic Plan (2018-2023):

There are six major challenges:

1. Intense competition for good faculty.
2. Intense competition for students—at all levels—makes financial aid, scholarships, fellowships, and the living environment more critical and more expensive.
3. Limitations on tuition fee receipts.
4. Increasing infrastructure costs (libraries, research facilities, etc.).
5. The financial support to private universities will continue to decline, leading to the need to reassess how the university fulfills its public engagement mission.
6. Diverse and excessively complex funding models for academic units.

File Description	Documents
Upload relevant supporting document	View File

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

KLEF has developed and implemented the organizational structure of the university and placed all the authorities and officers at specific levels. The governing body (BOM) and the administrative set up of the University design the explicit and implicit institutional rules and policies that outline the various work roles and responsibilities that of the various officers and functional/statutory bodies.

The appointment of officers by the University is as per the guidelines of UGC

1. Chancellor
2. Vice - Chancellor
3. Pro Vice - Chancellor
4. Registrar
5. Finance Officer
6. Controller of Examinations
7. Deans
8. Principals
9. Head of the Departments

The head of the University is the Vice Chancellor (VC) who chairs the Board of Management and all other recommending bodies such as Academic Council, Planning and Monitoring Board, Research Board and Finance Committee.

The University has appointed Deans, Principals and Directors to define, monitor and control various administrations of specific functions. The following are the Dean positions/designations identified for smooth functioning.

Dean (Academics), Dean (R&D), Dean (Planning & Development), Dean (Student Progression & Training) Dean (Skill Development), Dean (Quality), Dean (Student Affairs), Dean (Faculty and Staff). All Deans are supported by few Associate Deans taking care of a certain responsibility.

File Description	Documents
Upload relevant supporting document	No File Uploaded

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation

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

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

Performance appraisal mechanism at KLEF deemed to be University has been designed strictly as per UGC norms to identify leadership

abilities and training needs of both teaching and non-teaching staff.

Faculty Appraisal System: All teaching faculty follow self - assessment method. It has four components.

Academic: The parameters included are classroom lectures, seminars, tutorials, course delivery, question paper setting and evaluation, use of innovative teaching methods, updating of materials, ICT etc. and student feedback and pass percentage on the other.

Co-curricular: Covers (a) Contribution to co-curricular activities, viz. NSS, NCC, etc. (b) Professional contribution to academics, and University administrative bodies such as Academic council, R&D Council, etc.

Research & Development: The bases are: number of participations in conferences, publications in Scopus indexed journals, book publication, sponsored projects, consultancy, Research supervision, awards & honors, fellowships, etc.

HOD's assessment: HOD's assessment also carries certain weightage.

Some of the welfare measures: Provident Fund, Group Savings Linked Insurance (GSLI), Medical and Group Insurance, Reimbursement of Medical Expenses, Sanctioning of Paid Leaves, Education Fee waiver for self and children education in KLEF, Transportation Fee Concession and subsidized accommodation for Staff accommodated at Hostels, Loan Facility: a) For Purchase of Laptop b) Personal Loan Facility, etc.

File Description	Documents
Upload relevant supporting document	View File

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

499

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

50

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

675

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Strategies for Mobilizing Resources:

1. Efforts for visibility undertaken to increase the students' strength. Wide Publicity and Increased innovative to attract more participants.
2. Faculty are constantly motivated to apply for funded research projects from various funding agencies, viz. AICTE, DST, UGC, MYAS, CSIR, TANII, TANSCH, etc.
3. Organization of workshops, conferences, seminars/symposiums in relevant areas to improve the quality of publications and research work.
4. Alumni network is strengthened by organizing meetings, honoring alumni and by establishment of more alumni chapters.
5. Attractive Consultancy Policy for encouraging consultancy and collaborative research initiatives.
6. Initiatives undertaken to patent the innovations

Optimal Utilization of Resources:

1. The mobilized funds will be optimally utilized for providing salaries to staff, academic activities and maintenance of the University campus as per UGC and State Government norms. The University purchases new equipments and facilities as per student strength, for better utilization or education and research.
2. The University has executed many major Research and Development projects.
3. The University strives to conduct programmes with the latest technology, innovations, research, changes and needs for the sports fraternity.

Modern sports complex has been created to provide ample opportunities for conduct of sports and enabling student participation.

File Description	Documents
Upload relevant supporting document	View File

6.4.2 - Funds / Grants received from government bodies during the year for

development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

25.88

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.4 - Institution conducts internal and external financial audits regularly

KLEF Deemed to be University regularly conducts internal and external financial audits. It has an internal audit team headed by Chief Finance Officer to ensure maintenance of annual accounts and audits.

1. Internal Audit is conducted by Internal Audit team, once in three months. This is mainly pre-audit of major receipts and payments and concurrent/post audit of all other receipts and payments. Team also checks gratuity payments and full and final Settlements, etc.
2. External Audit: External Audit is conducted by M/s. Suresh and Siva Chartered Accounts, Vijayawada, who conduct statutory audit covering all financial and accounting activities of the Institute including: 1. All receipts from fees, donations, grants, contributions, interest earned and returns on investments, 2. All payments to staff, vendors, contractors, students and other service providers, 3. Conducts regular accounts audit and certifies its Annual Financial Statements, 4. All Utilization Certificates to various grant giving agencies are also countersigned by the CAs.

Mechanism for settling audit objections:

All observations/objections of external and internal audits are communicated through their report. The objections raised by the auditors are communicated to the concerned for rectification of the gaps. Once it is rectified, the same will be checked by the auditing team.

File Description	Documents
Upload relevant supporting document	View File

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

1. Institutionalizing Blended Learning

For 2020-21, the blended learning model is ideally placed to address many challenges caused by the COVID-19. The blended online pedagogy combines face-to-face synchronous learning (using Zoom, WebEx, Microsoft teams, etc.) with asynchronous learning to offer opportunities for cognitive participation which allows students to process the learning and reflect on the learning. The following factors are considered for successful blended learning: Developing a community of learners and learning, Tutor presence, Structuring student learning, Facilitating inclusive learning and Planning and preparation.

2. Institutionalizing Review of TLP

The IQAC institutionalized the process of reviewing the TLP through Quality Circle-Students' Meetings, Students' end semester feedback and Outgoing Students' satisfaction survey. Students' feedback is used as an important tool to close the loop for the teaching-learning process. The Quality Circle (Students) Meetings are conducted once in two months to get the feedback on TLP from the students to take steps for mid-course corrections. The suggestions received from the students are passed on to the concerned faculty and HODs to review and take necessary action. The students' end semester feedback on teacher, course and lab infrastructure is also collected. The outgoing students also provide valuable feedback on their overall academic experience.

File Description	Documents
Upload relevant supporting document	View File

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

A. Any 5 or all of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting documntent	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

1. In Academic Domain:

a. Curriculum: KLEF Deemed to be University revises curriculum regularly taking inputs from various stakeholders, viz. Industry, Alumni, parents, etc.

b. Technology Enabled Learning: KLEF has introduced digital tools in all aspects of TLP and evaluation. It deployed custom-developed comprehensive LMS/ERP for the benefit of all stakeholders. All the class rooms are ICT enabled with all necessary hardware. Provision for students to enroll for credit transfer under SWAYAM-NPTEL, Coursera, etc. LinkedIn learning courses have been encouraged for both faculty and students for improving skills.

c. Examination Reforms: 60% weightage for continuous assessment and 40% weightage for semester end examinations; Introduction of open book examination in one assessment; Digital Evaluation from April 2020, due to Covid-19 Pandemic.

d. Research Support: Research incubation through Seed Grant up to Rs. 5 Lakh; Establishment of 10 Centres of Excellence; Post-Doctoral Fellowship to attract bright Ph.D. holders.

2. In Administrative Domain: Attracting Quality Faculty Members: KLEF has evolved a policy under which only PhD qualified faculty will be considered for recruitment in Sciences, Humanities and Management and the number of PhD qualified faculty to be not less than 60% in Engineering Departments; Annual performance-based incentive schemes based on individual performance.

File Description	Documents
Upload relevant supporting document	View File

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 year

KLEF University follows 33% reservation for girls as per statutory norms and has set up a well-structured system for the security of students. Security is provided by a 75-member OPDSS and a special team of 14vigilance officers. Two-woman security guards are stationed at the girls' hostel. The University woman's forum conducts frequent health awareness programmes/camps. Security officers' phone numbers are displayed in various key points in the campus so that any untoward incident is reported promptly to OPDSS or vigilance officers. Training programme for girl students on threat awareness, security and self-defense are organized.

Counseling: KLEF arranged special counseling for girl students in three major areas, viz. Academic, Career and Psychological. One faculty is allotted for every 20 students. The faculty member contacts parent over telephone and discusses the academic progress/status of the ward. Students should meet the counselor once a week. In case of slow learners and differently-abled students close monitoring is made in consultation with the respective faculty. To improve the performance of the students' special training sessions in group discussions and interview skills are conducted. Identification of depression and abnormal behavior patterns is made regularly. Such students are sent for special counseling by a psychiatrist.

<https://www.kluniversity.in/wforum/contact.html>

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	https://www.kluniversity.in/wforum/index.html
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://www.kluniversity.in/wforum/pol.html

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

KLEF Deemed to be University follows efficient waste management and recycling procedures throughout the campus and use recyclable and recycled materials, wherever appropriate. Also, it promotes a purchasing policy that will give preference, where practicable, to those products and services which cause least harm to the environment. KLEF reduced its waste to landfill and achieved a 36%

reduction between 2018 and 2020 in alignment with the carbon reduction target.

E-waste Management: An MoU has been made with M/s. Waste Ventures India Private Limited with a purpose that all the e-waste produced at KLEF will be used to recover valuable materials from old electronic goods that can be used to make new products. As a result, energy is saved, pollution is reduced, greenhouse gas emissions also reduced and lower consumption levels of valuable resources by extracting fewer raw materials from the earth and protect our surroundings. **Targets:** Up gradation of EEE block and M - Block to dual plumbing system and dual drainage system with a facility for in-situ recycling of gray water;

Measurable outcomes: Campus has been made plastic free with effect from 09.06.2020; By installing water meters for RO Plants and STPs, water wastage is reduced by 30%.

File Description	Documents
Upload relevant supporting document	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment

A. Any 4 or all of the above

and harness energy are confirmed through the following:

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

File Description	Documents
Upload relevant supporting document	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment
Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms
Signage including tactile path lights, display boards and signposts
Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc.
Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

KLEF upholds the tradition of celebrating all National festivals and birth/death anniversaries of the noted Indian personalities. The University observes all national festivals such as Independence Day and Republic Day. After hoisting the national flag, students, members of teaching and non-teaching staff pay homage to the freedom fighters and martyrs. During these occasions eminent speakers are invited. who recall and hail the services of the freedom fighters and inspire young minds about altruistic sacrifices made by our ancestors during the Independence movement. These celebrations are followed by various cultural programs and social service activities such as Swatch Bharat, Blood Donations, NSS, NCC etc., where students participate in good number.

KLEF celebrates Teachers' Day on 5th September to commemorate the birthday of Bharat Ratna, Dr. Sarvepalli Radhakrishnan; Engineers' Day on 15th September commemorating the birth anniversary of Sir Mokshagundam Visveswaraya; Gandhi Jayanthi on October 2nd by

paying tribute to the father of the Nation, etc. 31st October, the birthday of Sardar Vallabhai Patel is celebrated as National Unity day Eminent scholars or academicians are invited and felicitated. They share their experiences and invoke responsibility and commitment of youth towards the development of the nation. Hobby clubs of KLEF showcase their talents.

File Description	Documents
Upload relevant supporting document	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

KLEF Deemed to be university strongly believes in the concept that imparting of Human Values and Professional Ethics are inevitable for the advancement and improvement of a civil society. It also stresses upon the statement that Higher Educational Institutions (HEIs) indeed have a responsibility to build a strong society. That is the reason KL Deemed to be university has created high quality practices and environment backed with human values and professional ethics in the campus through the practice of many activities. The major emphasis behind these activities is on development of value based education.

In order to develop the Eco-Friendly and Sustainable ambience KLEF encourages students to adopt reflective policies and practices to enhance the environmental quality in order to adopt sustainable and green methods. Celebration of various days like World Environment day, Clean and Green Program, Swatch Bharat Rally, Plantation Programs, Rain Water harvesting campaigning and World Ozone Day some of the activities promoted and executed by the students and faculty for the practice and awareness on sustainable growth and Eco-Friendly ambience. Kargil Vijay Diwas, World Heritage Day, World Organ Donation Day, World Yoga Day and International Literacy Day are celebrated to enrich students' awareness about the constitutional obligations.

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

All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.11 - Institution celebrates / organizes national and international commemorative

days, events and festivals

The Government of India has declared specific days to celebrate in their academic institutions to create awareness among the student community, about the customs, culture, patriotism, law abiding, charity, sacrificing, human relations, philanthropy, benevolence towards mankind, respecting elders and honoring the constitution. Other awareness programs which emphasize the non-involvement in Anti-Social activities, women harassment are also conducted.

Birth anniversaries of National Leaders are also celebrated in order to recollect their contribution in independence struggle. The main objective is to enlighten the students with morals besides academics. KLEF Deemed to be University prepares Academic Calendar well in advance to celebrate these commemorative events. The students of hobby clubs, NSS, NCC and Centre for extension activities organize them.

Celebration of various days like World Environment day, Clean and Green Program, Swatch Bharat Rally, Plantation Programs, Rain Water harvesting campaigning and World Ozone Day some of the activities promoted and executed by the students and faculty for the practice and awareness on sustainable growth and Eco-Friendly ambience. Kargil Vijay Diwas, World AIDS day, World Heritage Day, World Organ Donation Day, World Yoga Day and International Literacy Day are celebrated to enrich students' awareness about the values, rights, duties and responsibilities of citizens.

File Description	Documents
Upload relevant supporting document	View File

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

Green Initiatives:

1. Title of the Practice

Green Initiatives to make the KLEF Green Fields Campus Clean and Green and display extra-ordinary ambience, for the benefit of faculty and students.

2. Objectives of the Practice

To provide a clean & green environment conducive to the students learning and also

to win all possible awards introduced by the MHRD, Govt of India in the area of Swatchata and Clean and Green and make a name and niche in this field.

3. The Context

Taking a cue from the "Swatch Bharat" call given by the Hon'ble Prime Minister, Shri Narendra Modi, KLEF has taken this aspect very seriously. The challenges are educating over 2000 staff (1000+ faculty and 700 non-teaching staff and few hundred Class-IV Employees) and over 15,000 students on the importance of clean and green, including making a plastic-free campus.

4. The Practice

(i). Several Campaigns like Green Brigade, you can make a difference, SAY-NO-TO-PLASTIC were organized to create awareness among staff and students. (ii). Paperless office: Most of the office work in the campus (up to 70%) is handled in ERP portal. The LMS installed in the campus will help in managing all the academic work like teaching materials, tutorials, assignments, interactive content, quizzes and active learning methodologies ALMs though online. (iii). KLEF tv-broadcasting system is established to display all the circulars to all the students and staff. (iv). Green landscaping with trees and plants. The University grants substantial funds for the maintenance of a campus rich with greenery and some rare and well-groomed trees.

5. Evidence of success

The name of KLEF Campus is "Green fields" and the campus stands by its name. The following awards have been achieved during 2020-21.

1. 2nd Rank - Smart and Clean Campus Award from AICTE in implementation of IKS

2. First Rank in one district and one Green Champion from MGNRCE, Govt of India.

6. Problems Encountered and Resources Required

Lawns, garden and avenue trees are maintained on a daily schedule. Despite the ongoing construction work, maintenance staff are deployed to clean construction residues promptly. KLEF has spent Rs. 200 Lakh for the green campus initiatives.

7. Notes (Optional)

KLEF Deemed to be University is very proud of the ambience, which is a result of constant effort on maintaining the greenery, lawns, hundreds of trees and shrubs. Some very rare plants have been planted and are being taken care of very well. Substantial funds (>Rs. 50 Lakh) are being allocated year after year for the maintenance and upkeep and towards the wages to over 100 garden workers.

<https://www.kluniversity.in/iqac-files/AQAR2020-2021/C7/721.pdf>

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

KLEF introduced two new courses, viz. DTI-1 and DTI-2 (Design Thinking and Innovation-1&2) during the Academic-year:2020-21 for almost all the students and faculty.

DTI-1: Overview of Design Thinking; Empathize and Understand; Defining Needs; Ideation for Solutions; Prototyping and Testing the Solution.

DTI-2: Problem Solving Mindset; Human Centered Design; Design for the Environment; DTI Management Culture and Intellectual property and protection of ideas.

The objectives of the course:

Understand the basics of design thinking and its implications in product or service development; Understand and Analyse the requirements of a typical problem; Plan the necessary activities towards solving the problem through ideation and prototyping and evaluate the solution and refine them based on the customer feedback.

Understand the problem statement, requirements and formulating approaches to solve real world problems; Designing the solution by taking the user interactions & ease of use into consideration; Applying the design principles in building sustainable and environment friendly solutions; Manage the Innovation effectively in terms of resources, finances, copyright, IPR, Trademark, Patent and license agreement policies for protecting own R&D innovations and enhancing brand image.

Courses were just offered to one batch of students and faculty, the outcomes would be measured and reported in due course of time.

7.3.2 - Plan of action for the next academic year

1. Plastic free environment.
2. Increasing staff quarters on campus.
3. Increasing on campus hostel accommodation
4. QS world ranking.
5. THE world ranking
6. NBA accreditation of few programs.
7. ABET accreditation of few programs.
8. Increasing the Q-1 Publication of research articles.
9. Trapping more research grant from Govt organizations.