YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	K.L.N.COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr.A.V.RAM PRASAD.
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	04522090971
• Alternate phone No.	9894770741
• Mobile No. (Principal)	9940125238
• Registered e-mail ID (Principal)	principal@klnce.edu
• Address	Madurai-Nedunkulam Road ,Pottapalayam-630612 ,Sivagangai District
• City/Town	POTTAPALAYAM
• State/UT	Tamil Nadu
• Pin Code	630612
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	09/12/2019
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr.D.Pradeep kannan**
• Phone No.	**04522090971**
• Mobile No:	**9894770741**
• IQAC e-mail ID	**iqac@klnce.edu**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.klnce.edu/General/IQAC.aspx
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.klnce.edu/General/Acad_Calendar.html

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B++**	**2.8**	**2018**	**04/12/2018**	**31/12/2025**

6.Date of Establishment of IQAC	**15/02/2017**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Dr.D.Pradeep kannan , Prof/EIE	Faculty Developement Program	NM & TNSDC	09/08/2022	100000
Dr.D.Pradeep kannan , Prof/EIE	soft skills training program	Canara Bank	23/01/2023	396820
Dr.S.Partha sarathy, Prof/EEE	Faculty Developement Program	IGCAR	29/07/2022	75000
Mechanical	Student project	TNSCST	03/03/2023	10000
EEE	Student project	TNSCST	03/03/2023	7500
ECE	Faculty Developement Program	AICTE	Nil	12000

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year | 4

• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	

10.Did IQAC receive funding from any 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)

Encouraged the faculty members to apply research proposals for funding from external Funding agencies

Established of Innovation Research Park ,KLNCE and thereby nurturing innovation through Industrial problem statements and innovations

Provided thrust on adequate faculty development Programmes for capacity building of faculties

Encouraged faculty and students to write NPTEL exam organised by SWAYAM, New Delhi

Formulation of new Value Added Courses in cutting edge technologies through Industry forums and Naan Mudhalvan Scheme

Successfully completed the Mock NBA peer team visits for the four branches to be accredited

12.Plan of action chalked out by IQAC at 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
To obtain the highest grade of A++ in NAAC Accreditation.	The institution has planned to obtain NAAC A++ grade by focusing on Research Initiatives, Governance, Leadership & Management, Student Support & Progression, and Institutional Values & Best Practices.
To Promote the culture of innovation among students	Our Institution is promoting innovation eco system through Innovation Promotion Cell and Institution Innovation council. The students are pitching their ideas and /or given seed fund for developing their proto types. Later it has been submitted in various forums and funding agencies like Taminadu startup innovation. Our students participated in TNSI contest and secured one lakh cash price. In

	Tenkasi startup innovation competition , our student won third place cash price of Rs 25000/-
To conduct periodic academic audits and to ensure quality education.	Our Institution awarded ISO9001-2015 surveillance certification from TUV during the year 2022-2023.
Train the trainer program through Naan Muthalvan scheme to inculcate cutting edge technologies to faculty members.	We have organized train the trainer program on recent technologies like Cloud Essentials, Smart Energy Gird, Electric Vehicle, Smart & Advanced Manufacturing Design & Simulation, Embedded System Design -Industrial Application and Electric vehicle Charging System- through Naan Muthalvan Faculty scheme and 436 faculties have been benefitted from this program.
To motivate faculty to publish papers in Scopus/Web of Science Journals and patenting their innovation.	A total of 123 research works have been published so far in the 31 Scopus indexed international journals, 12 SCI Journals and 44 conferences and 24 other peer reviewed journal, In addition 4 books were published for the academic year 2022-2023. Faculty and students have jointly filed 2 patents and published in patent journal during the 2022-2023

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Council	16/10/2022

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
2022	15/02/2023

15.Multidisciplinary / interdisciplinary

We have started a new course titled B.E Cyber Security with an intake of 30 students during the year 2022-2023, subsequently we have added 30 students in B.Tech-Artificial Intelligance and Data science during 2022-2023. Further we have applied to start B.E computer science Engineering with specialization in Internet of Things as multi disciplinary UG programme in our institution. To inculcate interdisciplinary activities,Value Added courses titled (one credit or Two credit) is being conducted among all departments in the cutting edge technologies through technology forerunners such as Honey-well Technologies , Subham Technologies and Syasan technologies, etc,for Pre final year B.E,& B.Tech Students . With an experiances of above programs multi discipilanary project proposals are being sent to funding agengies like MSME-ideathon 2023,TNSI 22-23,etc.

16.Academic bank of credits (ABC):

In view of ABC , Our Institution being Autonomous have academic freedom to provide an opportunities to the students to transfer the credits if students have underwent prescribed NPTEL or any other Value Added Courses organized among the Departments. Suitable enrollment information to academics has been given by the departments , so that their assessment will be reflect on end semester examination marks statement as credit transfer. Initiatives are taken up to transfer academic bank of credits if the students are taking courses outside our Institution. The Academic Bank of Credit is a virtual mechanism that keeps track of the credits earned by students of Higher Education Institutes recognized by the University Grants Commission (UGC) in India. It isa credit facility originally envisioned by the Government of India in the National Education Policy (NEP) 2020. The scheme has the provisions of creating a digital infrastructure that will maintain the academic credits earned by the students of various higher education institutes within the country and it includes all kinds of courses

offered by the institution. In order to inculcate this, the institution has taken initiatives to promote digital infrastructure of credit system so that the students will get much larger scope of freedom in terms of their academic / career choices. The credits earned by the students will not go unaccounted if he/she decides to change institution for any reason. Moreover, students are encouraged to pursue courses under SWAYAM NPTEL, Coursera and other similar universally accepted platforms as an alternate for mandatory courses and certain elective courses to avail the facilities provided by the Academic Bank of Credits. Additional credits are also offered to students who pursue online courses offered by recognised platforms.

17.Skill development:

To enhance skills in cutting edge technology, our college has been tied up with the Govt of Tamil Nadu flagship Program titled Nalaya Thiran, sponsored by IBM technologies, as a technological partner. In this program, students are given project based learning on recent technology development, such as mobile application development, web application development for given statements. Periodical reviews that have been done by the internal mentor as well as mentor from technology partners will make the students have experiential learning and skills for problem-solving through technology. Further, our students are participating in an online certification program provided by Govt of Tamil Nadu, a Flagship program titled Non-Muthalvan Scheme to upskill the potential of students in recent cutting edge technologies like machine learning , e-vehicle, robotics for manufacturing , Industry 4.0,CISCO Networking etc. They are participating in these online/hybrid skill programs and get certification towards Industry ready technocrats. Online certification courses through coursera and NPTEL courses. Further enhance our students to enrich their skill development. Skill enhancement for core branch students (Mechanical Engineering) through Madurai Circle Council and Quality Circle forum of India. The Quality Circle Industry relations forum of KLNCE organizes periodic expert talks for industries to provide awareness of recent technologies and thereby bridge the gap between HEI's and Industries. Renowned alumni are invited to inculcate corporate managerial skills among all department students.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

As a part of integrating the Indian language for technology dissemination, numerous steps have been taken up by the Central Government as well as the State Government to impart technical

skills to regional languages. Further, students are given one credit course in Indian institutions, one credit course for regional and cultural values, as well as Universal Human Values among the students in their curriculum. These courses are disseminated among all departments during their students' Induction program conducted a two week orientation program. Teaching aids such as text books and manuals are being prepared in regional languages to integrate knowledge systems into regional language.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Outcome-based Teaching and Learning is a student-centered education approach where the programmes intended learning outcomes are explicitly defined for students to achieve. Teaching and learning activities are then carefully designed to facilitate students to achieve these outcomes. The success of OBE is based on evidences from the assessment results and student learning experience. Periodic reviews of these evidences will lead to continuous improvement of programme quality. The Outcome based Teaching and learning approach focuses on: 1. The alignment of the desired graduate attributes, programme intended learning outcomes and module intended learning outcomes. 2. The development of teaching and learning activities in enhancing student learning experiences. 3..The design of assessment processes to monitor students' learning progress and the achievement of the desired outcomes and attributes 4.The collection of stakeholders' feedback for continuous improvement.Delivery of an Outcome Based Curriculum to the students by providing the Syllabus Course Plan Lecture Notes Learning Styles Framework of attainment of Course Outcomes: The assessment tools can be divided into two categories   Direct Assessment Indirect Assessment The questions for the tools such as internal tests, assignments, course outcome survey etc. are taken, which relate to specific course outcomes in each course. Presentations and seminars are aimed towards widening the scope of the subject including its impact on society and environment as a whole. The questions at the presentations/seminars make the scope even better and relate with the course and program outcomes ,thus the need for continuous independent life-long learning is emphasized.

20.Distance education/online education:

Online courses are being chosen by the students either in NPTEL Courses to transfer academic credits in spite of one or two professional electives, as per regulations prescribed to them. Trainers from corporate companies also make use of both physical and online modes of training for the students potential through online facilities. To enable them to get a job ready during their final

semester itself. A perceptible change in the modes of the Teaching-Learning is observed all over the world and there is a significant shift from complete classroom Teaching-Learning to hybrid mode, where a combination of classroom and online Teaching-Learning is practiced simultaneously. This is evident from the popularity of Online education platforms like Coursera,and NPTEL. India is also keeping abreast in this new paradigm. KLNCE encourages the students and faculty to register and write examinations under SWAYAM-NPTEL for several years and also take part in Nalaiya Thiran (projectbased experiential learning program - Naalaiya Thiran which is a Professional Readiness Program for Innovation, Employability and Entrepreneurship) which is a government Initiative. Under our autonomous system, necessary approvals have been obtained to transfer the academic credits to our students. Thus, the credits earned from SWAYAM-NPTEL are considered as replacements for mandatory/elective courses. The list of such courses are approved by the respective board of studies and governing bodies In order to enrich the knowledge in varied domains different online courses through forums like ICT Learnathon, Skillathon, NASSCOM Futerskills Prime, Infosys Sprinboard are offered to make the students Industry ready. This doubly benefits the students to acquire the skills required by the industry and also provide a favourable career opportunity to them.

Extended Profile

1.Programme

1.1   14

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1   2061

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2   580

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3   **2094**

Number of students who appeared for the examinations conducted
by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1   **219**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2   **158**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1

14

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1

2061

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

580

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

2094

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

219

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

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3.2 Number of full-time teachers during the year:	158

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	154

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	411
4.2 Total number of Classrooms and Seminar halls	62
4.3 Total number of computers on campus for academic purposes	1846
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	302.35

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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Institute has the systematic procedure for development, revision and implementation of curriculum of all the departments. The curriculum of all programmes is developed in accordance with Programme Educational Objectives (PEOs), Programme Specific Outcomes (PSOs) and Programme Outcomes (POs). Curriculum is designed to focus mainly on introducing new courses with multiple facts for improving the core competency and technical knowledge.

The process of developing the curriculum is discussed in Department Advisory Committee (DAC) and the course content is framed based on the feedback received from stakeholders and ensures that it has relevance to local, national and global developmental needs with all necessary fundamentals. The proposed curriculum is put forth to Board of Studies (BOS) comprising the Head of the Department as Chairman, experts from industry, external subject experts and faculty members. After deliberations the syllabus is approved and subsequently brought to the Academic Council for final approval.

The students are motivated to upgrade their knowledge by undergoing online courses through NPTEL, IIT Spoken Tutorials. In addition to the curriculum, Soft skills and general aptitude training is provided to the students. Further student's skills are upgraded by conducting value added courses through various cells, Industry Internship programs and thereby become industry ready.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://www.klnce.edu/Academics/Academics.aspx

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

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

219

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

219

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

11

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

In order to integrate the cross cutting issues relevant to gender,

environment and sustainability, human values and professional ethics. The College has imbibed different types of courses in the curriculum, some enhance professional competencies while others aim to inculcate general competencies like social values, human values, environment sensitivity etc., thereby leading to the holistic development of students.

Prevention of sexual harassment (POSH) cell with Internal Complaints Committee (ICC) was constituted and has been functioning in formal sense since 2015. The entire cell aims to enable lady faculty and girl students to explore their imminent potential in all aspects, providing a congenial working environment for them.

A course of threecredit on human values "Professional Ethics and Human Values" is offered as Subject / open elective to all the students to take at least once during the programme of study. As an integral part of student engagement in social activities during their programme of study, college also mandates all the students to enroll as NSS/NCC Volunteers. It aims at inculcating values, ethics and socially responsible qualities. Workshops and seminars on various aspects of environment sustainability are organized periodically.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

67

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

2131

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

831

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.klnce.edu/download/2020%20-%20 2021/college_facility.html
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following   **B. Feedback collected, analysed and action taken**

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.klnce.edu/download/2020%20-%20 2021/college_facility.html
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

583

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

571

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Students Induction Programme (SIP) has been conducted, every year for the fresher's, as per the guidelines of AICTE, Anna University. College level and department level soft skill programmes are scheduled to motivate the students to participate

in the various events. Regulation, examination pattern, year wise training programme, curricular and co-curricular activities are informed so as to prepare them for engineering outcomes. Counseling given for students coming from different back round (rural/urban), difficulty, if any, with respect to medium of instruction.

Programs for Advanced Learners:

AICTE sponsored Industry Institute Partnership Cell [IIPC] of KLNCE supports and sponsors students to undergo industrial visit and to have interaction with industry experts at our venue through seminars, workshops & short term training programs. The Innovative Promotion Cell (IPC), Institution Innovation Council (IIC) of KLNCE aids project based learning system.

The Continuing Education Cell (CEC) of KLNCE motivates the students to undergo higher studies by organizing the awareness programme about GRE, ToEFL, GATE, CAT, Study of Foreign Languages like French, Japanese etc.

In addition to that students are encouraged to enroll in NPTEL, IIT Spoken Tutorial classes to improve their skills on emerging technologies and for placement preparation.

Programs for Slow Learners :

Special coaching classes like remedial classes (conducted for those failed/ secured less marks in internal tests), coaching classes (for problematic subjects) are arranged for slow learners.

Retests/Improvement Tests are conducted for the students who failed in Internal tests/Secured less marks.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.klnce.edu/download/2022-2023/EEE/SIP_2022_2023.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2022	2055	158

File Description	Documents
Upload any additional information	[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:

Experiential learning:

Experiential learning is carried out by providing hands-on training to students in laboratory sessions. Students are motivated to do mini project, final year project and to attend State & National level project contest.

Participative learning:

The participative learning is implemented by collaboration / group in our college. Academic schedule of each department enforces all faculties to provide self -study topics, exclusive tutorial sessions, seminar presentation and group discussion as mandatory learning methodology.

Students are motivated towards paper presentation by two or three students to various symposiums, National and International Conferences. IIC & IIPC in our college conduct contest in Mini projects and provides fund for student projects.

Students work in group for student chapters of CSI, IETE, ISTE, IEEE, IEI, ISHRAE, YUVA-Yi towards conduct of technical/management program. Special Interest Group (SIG) of students based on their subject interest is providing their knowledge and skill to their peers. This will yield better learning outcomes.

IIT – Bombay Spoken Tutorial online courses are offered to students to enrich participative learning.

Problem solving methodology:

Additional learning methodologies such as brain-storming sessions are arranged for students during ICTACT courses and Hackathon

contest.

File Description	Documents
Upload any additional information	[View File]()
Link for additional Information	https://www.klnce.edu/IIPC/IDCA/IDCAMaster Summary.aspx

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ICT tools and resources: Computers with Internet, LCD Projector, NPTEL, Google form, Moodle, Globarina software - Language Lab, NISM online stock market course, Learn Biz

LMS: Google classroom, MS Team & Zoom platforms are used for Teaching Learning process.

Academic Calendar uploaded in college website.

Students academic performance available in students Login.

Learning materials such as Monograph, laboratory manuals, Question bank, NPTEL Content are available in the College website.

E-Learning resources : E-Journals such as IEEE, ASME, J-GATE can be accessed within the college campus by Students and Faculty.

Online test facility for competency development is practiced for the student benefit.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://youtube.com/c/ManojsEducation
Upload any additional information	[View File]()

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

2.3.3.1 - Number of mentors

109

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

- **Academic calendar of the college is prepared, every semester (Odd semester during the month of June and Even semester during the month of December) in accordance with the academic schedule of the Anna University and Autonomous regulation.**
- **Academic Calendar of the college is published in the college website, one week before the commencement of the classes, and also mailed to department mails for staff and students reference.**
- **List of public holidays, parents-teacher meeting, founders day, sports day, college annual day, graduation day, tentative dates for state/National level technical symposium, National/International conferences, etc, are also included.**
- **Schedules of commencement of the classes, Last working day, commencement of practical examinations, commencement of end semester examination and reopening day for the next semester are given in the academic calendar.**
- **Schedules of Faculty meeting, Course committee meeting, Class Committee meeting, Student's counselor meeting, Administrative committee meetings of NBA, NAAC are included.**
- **Internal test – class test/centralized internal test, Model practical/Theory examinations, Retest, Remedial classes schedules are available with the academic calendar.**
- **Academic calendar discussed in the HODs meeting, Faculty meeting and class committee meeting so as to disseminate various schedules and to plan college/department/administrative cells activities accordingly.**

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

158

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

59

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	**No File Uploaded**

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1820

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	**No File Uploaded**

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

35

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<u>View File</u>
Any additional information	<u>View File</u>

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	**No File Uploaded**
Upload any additional information	**No File Uploaded**

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

- **Schedule of Internal examinations are published in the Academic calendar, and uploaded in the college website for staff and students reference, one week before the commencement of the classes.**
- **Examination Management Cell (EMC) holds the responsibility for internal evaluation system, throughout the semester. Meeting of the EMC members conducted, regularly, procedures for the conduct of internal examinations discussed, invigilation duty, question paper pattern, discipline norms for the students, malpractices and punishments, automation entry of internal marks, submission of result analysis, disciplinary action taken, question paper scrutiny, answer paper scrutiny, etc.**
- **Internal Test question papers are set following Bloom's Taxonomy.**

- **The answer scripts of internal test are given back to the students after evaluation, and discussed in the class committee meeting.**
- **The marks are entered in college automation and submitted to COE as per the schedule, for further process.**

- The internal examination results are analyzed by the HOD during faculty meeting and HOD's meeting, proper remedial action is taken such as conduct of Retest, Remedial Class, Counseling for Slow and Fast learners, etc.
- Provision for applying for revaluation and review of answer scripts of end semester examinations exist, as per Autonomous norms.

File Description	Documents
Upload any additional information	[View File]
Paste link for additional Information	https://www.klnce.edu/Amenities/EMC.aspx

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Program outcomes (PO's), Program Specific Outcomes (PSOs) and Course

Outcomes (COs) for all the programmes are stated and displayed in department website of the College.

Program Outcomes (POs) and Program Specific Outcomes (PSOs) are communicated to the stake holders of the program.

- POs and PSOs are approved by the Department Advisory Committee
- Banners showing POs and PSOs are kept in prominent locations of the campus for staff, students and public view.
- Banners showing POs and PSOs are kept in EEE Department office, Laboratories and Department library.
- Printed copies of POs and PSOs are pasted in the attendance cum assessment record.
- POs and PSOs are communicated to employers and Alumni by sending mail and during the Alumni Meeting.
- During the class committee meeting and faculty meeting POs and PSOs are reviewed among the students and staff members.
- Vision and Mission of Institute and department are informed to the parents during Parents-Teachers Meeting.
- POs and PSOs are given in the laboratory manual. Mission, Department Vision, Mission are printed on the back cover of the laboratory manual issued to the students of B.E. - Electrical and Electronics Engineering.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.klnce.edu/download/2021%20-%20 2022/ECE/ME_syllabus.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Framework of attainment of Course Outcomes:

The assessment tools can be divided into two categories

- **Direct Assessment and**
- **Indirect Assessment**

The questions for the tools such as internal tests, assignments, course outcome survey etc. are taken, which relate to specific course outcomes in each course. Presentations and seminars are aimed towards widening the scope of the subject including its impact on society and environment as a whole. The questions at the presentations/seminars make the scope even better and relate with the course and program outcomes such as PO6, PO7, PO8, PO10, PO11, PO12 thus the need for continuous independent life-long learning is emphasized.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.klnce.edu/download/2022-2023/E EE/2019_2023_CO_PO_Attainment.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

496

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	**Nil**

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 weblink

https://www.klnce.edu/download/2020%20-%202021/college_facility.html

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

The Quality Circle – Advanced Research and Development (QC – ARD) was established during 2013. Through QC – ARD, the Management provides financial support in the form of venture capital to the faculty members to expose their innovations in the form of research projects.

QC – ARD encompasses four major activities within the campus

1. **Faculty Research projects – ARD**
2. **Student research projects – IPC**
3. **Consultancy activities in collaboration with industry – IIPC**
4. **Innovative projects – IIC**

The roles of QC – ARD includes,

- **Recommending Research project proposals by faculty members**
- **Motivating interdisciplinary sponsored research**

Innovation Promotion Cell (IPC)

IPC was established during September 2014, aiming towards collecting innovative ideas and concepts of societal for

fulfilling the needs of the society and there by developing realizable products and services.

Industry Institute Partnership Cell (IIPC)

IIP Cell is to bridge the gap between industry expectations (practice) and academic offerings (Theory) by direct involvement of industry to attain a symbiosis.

Institute Innovation Council (IIC)

The main objective is to create a vibrant local innovation ecosystem and start-up supporting mechanism.

- Conduct various innovation and entrepreneurship-related activities.
- Organize periodic workshops/ seminars/ Hackathons, interactions with entrepreneurs to create a mentor pool for student.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File]()
Provide URL of policy document on promotion of research uploaded on the website	[https://www.klnce.edu/QualityCircle/QCARD.aspx]()
Any additional information	[View File]()

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

3.05

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

29

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0.075

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

1

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.klnce.edu/Departments/UG/Eee.aspx
List of research projects during the year	[View File](#)

3.2.3 - Number of teachers recognised as research guides

29

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	[View File](#)
Institutional data in Prescribed format	[View File](#)

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

1

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	https://www.klnce.edu/Departments/UG/Eee.aspx
Any additional information	[View File](#)

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution has five quality circles and various cells for the development of innovative projects, product development and entrepreneurship development.

The quality circles are

1. Quality Education (Faculty)
2. Quality Education (Student)
3. Career planning
4. Advanced Research & Development
5. Industrial Relations

The various active cells are

1. Student research projects – IPC
2. Consultancy activities in collaboration with industry – IIPC
3. Innovative projects – IIC
4. Entrepreneur Development Cell (EDC)
5. Technology Business Incubation (TBI)
6. Innovation and Research Park (IRP)
7. Unnat Bharat Abhiyan (UBA)

Industry Institute Partnership Cell

IIP Cell is to bridge the gap between industry expectations (practice) and academic offerings (Theory) by direct involvement of industry to attain a symbiosis.

Entrepreneur Development Cel

The objective of the cell is to inculcate the attitude of employment creation than employment seekers. Seminars, workshops, interaction with entrepreneurs and startup units are arranged regularly through the cell.

Technology Business Incubation

The incubation cell applied under MSME, provides opportunity to the innovators in developing and nurturing their new innovative ideas for the production of new innovative products which can be sent in to the market for commercialization.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://klnce.edu/IIPC/IIPC.asp

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

115

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

11

File Description	Documents
URL to the research page on HEI website	https://www.klnce.edu/QualityCircle/AdvancedResearch.aspx
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

0.278

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

0.5

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://klnce.edu/NAAC/NAAC2022/Criteria_2_2_23_3.aspx

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

5896

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

36

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

9.7585

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	No File Uploaded
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

112290

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	**No File Uploaded**
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Students, in general, are motivated and sensitized to social issues, Leadership qualities and holistic development through medical checkup, blood donation, tree plantation, awareness programmes on drug abuse, women abuse, anti Tobacco, safety, helping old age homes in neighbourhood community.

A) National Service Scheme (NSS)

The objective of the scheme is to promote extension activities like General Medical Camp including Eye Dental Care, seven days rural camp for the benefit of villagers and Tree plantation.

B) Youth Red Cross (YRC)

It is a constituent of Indian Red Cross (IRC). These activities are normally carried out during weekends / vacation period and shall be completed during first year of the program. C) Rotract Club:

Our college Rotract Club of Madurai is sponsored by the Rotract Club of Madurai. Students (around 1500) enroll as members in the college Rotract club of Madurai with the guidance of a staff coordinator. Activities like educational seminar, quiz programmes and constructive activities for the benefit of the society.

D) Extension activities promoted by the Department.

The activities include programmes like Road safety, conservation of electrical energy and safety to villagers, donation to poor students at school, quiz and awareness on higher education to plus two students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://klnce.edu/Amenities/NSS.aspx

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

160

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	[View File](#)

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

17

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

2650

File Description	Documents
Reports of the events	[View File](#)
Any additional information	[View File](#)

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

244

File Description	Documents
Copies of documents highlighting collaboration	[View File](#)
Any additional information	[View File](#)

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

10

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	[View File](#)
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	[View File](#)
Any additional information	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

"Educationmust provide the opportunities for self-fulfillment; it can at best provide a rich and challenging environment for the individual to explore, in his own way"

To explore an institution of technical excellence, in his / her own way and to face the challenging technological environment, our founder president Thiru.K.L.N.Krishnan started an Engineering college in the name of K.L.N.College of Engineering. This college is mainly established for the betterment of the down trodden people of SivagangaiDistrict.Which is an economically backward district in TamilNadu.

This college is the first self-financing Co-educational Engineering College in Sivagangai, situated on the South Eastern outskirts of Madurai, 11th Km on Madurai – Nedungulam Road. It is built in an area of 53.8 acres.

In all 50,247 sq.meter of buildings have been constructed for effective teaching learning process. The management is conscious of updating every need to increase the infrastructure.

In order to facilitate the easy accessibility for the students, 1876numbers of computers have been installed so far. This shows the management's conviction in providing essential infrastructure for the Hands on Training to the students in our college.

Total expenditure incurred so far towards the cost of assets (equipment's, buildings &Furnitures) is about Rs.85.00 corers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.klnce.edu/NAAC/criteria_22_23.aspx

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

"A Sound Body Keeps, A Sound Mind"

KLNCE's ultimate aim is to bring the harmonious development to the students. For this,the college has a very good Football field, Cricket circle, Ball badminton court (2 Nos.), Volleyballcourt (3 Nos.), Indoor Badminton Court (4 Nos.), Concrete Basketball Court (1 No), Tennis court (1 No), Hand Ball court.

A 400 mt. Standard Track, Long jump pit and High jump pit are available. A separate recreation room is available for carrom, chess and table tennis towards indoor games.

Outdoor / Indoor

The college has an Indoor stadium of 2,221 sq. meter for Indoor games like shuttle cock, Table Tennis , Chess, Carom and 10

Station Gym for Boys & 6 Station Gym for Girls. Ten acres of land has been cleaned off and leveled for play grounds and athletic events

Cultural

The Cultural and Literary Association (CLA) is formed for encouraging the Staff and Students in order to develop and extend their Extra Curricular Skills for creating a platform to expose their talents.

The college have separate music club called "K.L.N. Melody Fine Arts Club" by which staff and students can develop their vocal skill and to play musical instruments.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.klnce.edu/NAAC/criteria_22_23.aspx

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

62

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

0

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

1. **Library automation software which is equipped with fully integrated multi-user software on windows environment, developed and implemented by ISSG (Information System Support Group) of our college. It is user friendly, informative and has the features such as powerful search engine which locates the status and location of the books in the library, displays all available books and the borrower status.**

1. **Number of computers for student access (OPAC) – 02**
2. **Number of printers for student access– 02**
3. **Internet band width/speed – 200 Mbps**
4. **Institutional Repository– Students Project Reports, Anna University Previous Years Question Banks, Faculty Publications (manuscript).**
5. **Content management system for E-learning: NPTEL, NDL (National Digital Library)**
6. **RFID system for book issue, return and to avoid unmarked book issue.**

1. **Nature of Automation– Fully**
2. **Version – 6**
3. **Year of Automation – 2000**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.klnce.edu/NAAC/criteria_22_23.aspx

4.2.2 - Institution has access to the following: **B. Any 3 of the above**
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

12.5

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

26

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The College has Internet of 500 Mbps Direct Link , 24 hours x 7 days a week Internet facility available in all Departments

To provide convenient connection of notebook computers to the campus network and to facilitate internet connectivity, both wireless LAN access points and fixed network outlets have been installed at different areas on campus including the Central Library, Conference Halls, Canteens, Auditorium and Hostel. With the adoption of the WPA (Wi-Fi Protected Access) Protocol, data communication over the wireless LAN is highly secure. With a notebook computer with wireless capability, the students/staff may get convenient access to the campus network at locations with wireless access points established. The Wireless LAN will also facilitate departments and student organizations in holding exhibitions, presentations and any other functions which require network access in the open areas.

S.No

No of Device

Locations

TOTAL

1

4

Men's Hostel -2 (Final year block, Mess), Pg Block-1,IT WIFI LAB.

4

2

4

Library block-1, EEE block-2, Mech block-1

8

3

5

Men's hostel -2 (Final year block,Mess), PG block -2, IT -1

13

4

2

EEE block -2

15

5

4

CSE-1,ECE-1, Men's hostel-2 (first year block, final year block)

19

6

2

Auto mobile -1, Mechanical -1

21

7

1

Men's hostel -1

22

8

2

Ladies hostel -2

24

9

7

Office -1, CSE-1, Men's hostel -2 (First block first floor),Ladies
Hostel-2, MENS HOSTEL -1

31

10

2

AI&DS Block

33

31

33

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.klnce.edu/NAAC/criteria_22_23.aspx

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2062	**1876**

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	**No File Uploaded**

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://www.klnce.edu/NAAC/criteria_22_23.aspx](#)
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

764.51

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	[View File](#)

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

Maintenance and utilization of the Infrastructure Facilities:

The maintenance and upkeep of the infrastructure facilities are carried out with the support of the heads of the particular infrastructure department. The followingare the supporting departments

1. Transport Department

2. Civil Maintenance

3. Information System Support Group

4. Security System

5. Electrical Maintenance

6. Library

7. Physical Education

8. GHealth Centre

9. Laboratory Maintenance

10. Nodal Centre

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[https://www.klnce.edu/NAAC/criteria_22_23.aspx](#)

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1247

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

144

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities 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
Link to Institutional website	https://www.klnce.edu/IIPC/IDCA/DeptSummary.aspx
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1352

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students'   **A. All of the above**

grievances Timely redressal of grievances through appropriate committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

240

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

13

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - 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

4

File Description	Documents
Upload supporting data for students/alumni	[View File]()
Any additional information	[View File]()

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

24

File Description	Documents
e-copies of award letters and certificates	[View File]()
Any additional information	[View File]()

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Student members play a predominant role in the committees at different engineering communities such as IEEE, IETE, SAE, ISTE, CSI, IEI etc. Department Advisory Committee (DAC) and Unnat Bharat Abhiyan (UBA) scheme provides a channel of communication between the faculty, administration and the student body.

Value-added courses are carried out by several cells convened within the department such as SAE INDIA KLNCE Collegiate Club, The Indian Society of Heating Refrigerating and Air Conditioning, Association of Computer Engineers, EINSTEA association, Elite association, Microelectronics Club, Social Club, ODYSSEY, KLNCE Science and Humanities Association, Emerging Information Technologist Association, GEMS Association, CII Chapter, Young Indian Madurai Chapter.

Various co-curricular and extra-curricular clubs such as Hackathon/Learnathon, Microsoft campus club, Google student club, Electronics Innovation club, IoT club, Robotics club, Automation club, Student quality club, Web design/coding club, Life science club, Power quality and energy audit club, Poetry club, Toast Master club, Fine Arts club, Cycle club, Animation club, Fashion Design club, Photography club, Video Game Development club, Humour

club, Meditation/Yoga club, Software Forum and Higher Education club, cultural and literary association, NSS, YRC, Hostel and class committees effectively function in addressing the grievances and suggestions of the students through their representatives periodically.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.klnce.edu/Amenities/Committees.aspx

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

6

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The college has an alumni association with the objective of organizing the annual reunions. The alumni association was established in 1998, and has been maintaining a life-long connection between the institution and its alumni. The registration of alumni association is under process. The mission of the association is to foster strong bonds between alumnae, students and the institute.

An alumnus conducts placement orientation programs to final year students. They help students with their projects, share job openings, walk them through the steps involved in securing internships, industrial visits and they ultimately establish a strong bondage with the institute and the students.

The institute holds an exclusive login page at the college website

for the alumni to reminisce the memories of events, which have taken place during the alumni meet. The gatherings are held at Madurai/Chennai/Bangalore/Virtual Mode and other places. A well-maintained database helps track down the contact information. The current students contact their alumni members and interact about placement and project guidance over phone and internet. The K.L.N.C.E. Alumni Association is enrolled with 11,040 Members and this association has chapters at Madurai, Bangalore and Chennai. In total, 32 Alumni Meet have been conducted both inside and outside the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.klnce.edu/alumni/login.html

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Vision of the College

To become a Centre of Excellence in Technical Education and Research in producing Competent and Ethical professionals to the society

Mission of the College

To impart Value and Need based curriculum to the students with enriched skill development in the field of Engineering, Technology, Management and Entrepreneurship and to nurture their character with social concern and to pursue their career in the areas of Research and Industry.

In order to achieve the above vision and mission, quality circles

such as quality circle for Quality Education - Staff, Quality circle for Quality Education – Students, Quality circle for Career planning, Quality circle for Research and Development and Quality circle for Industrial Relations have been formed with conveners.

Each quality circle has a convener, faculty representatives from each department. Each convener reviews their plan of activities twice in a year along with IQAC convener in order to monitor the progress of the college in the right direction.

Three of the faculty members have been included in Governing council, the apex body of the college. They were involved in the decision making process. Two of the staff members were included in the finance committee of the college. They have participated in the finance committee meetings.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.klnce.edu/QualityCircle/QCQEC.aspx

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

Decentralization:

In order to disseminate power, various academic support units have been formed such as Industry Institute Partnership cell (IIPC), Innovation Promotion Cell (IPC), Prevention of Sexual Harassment (POSH) cell, Continuing Education Cell (EDU), Entrepreneurship Development Cell (EDC), Career Development Cell etc have been formed with conveners and members from departments.

Each department is given academic freedom by empowering the head of the department and faculty members. Each cell has its own plan of activities for the academic year. Each cell organizes workshops, training programs for the benefit of staff and students. These cells convene review meetings with Principal and IQAC coordinator to review their objectives.

The curriculum development for each branch is executed in a decentralized manner. Each department has its own Board of Study

(BOS) members and Anna University Representative. Each department has conducted two BOS meetings in a year. Each department conducts BOS meeting by inviting BOS members and AU representative either in an online / offline mode.

2. Participative Management: The activities pertaining to the Institute in respect of teaching, learning, Industrial Interactions, student's placement, research and development are reviewed by the management in a Management Review (MR) meeting which will be conducted once in a year.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.klnce.edu/QualityCircle/QualityEduStudents.aspx

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The important strategic plan of the college is to improve the skills of faculties and students

Skill Enhancement for faculty members

Faculty members were motivated to attend workshops, faculty training programs, short term training programs in their specific domains organized by other Engineering colleges and Industries such as Infosys, Honeywell etc.

Faculty members were given incentives to present their papers in International conferences and to publish them in International and reputed Journals like UGC journals. They are motivated to do Ph.D in part time in Anna University and other universities & to do online NPTEL courses in their interested subjects.

Skill Enhancement for students

In order to enhance employability skills of the students, Training and Placement cell organizes various training programs from the first year onwards.

Students are motivated to attend the workshops organized by their departments, other departments in the college and also workshops organized by other engineering colleges.

Students are guided to participate in technical competitions organized by other engineering colleges such as paper presentations, quiz, hackathon etc.

Students are motivated to do NPTEL online courses in their interested courses. Faculty members have mentored them to successfully complete their certifications.

Incentives were given to all faculty members and students who have completed their NPTEL online certification.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.klnce.edu/download/2021%20-%20 2022/EEE/NPTEL_Students_22_23_Even.pdf
Upload any additional information	View File

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

1. GOVERNING COUNCIL (GC)

1. Governing Council. The Governing Council is the highest body that monitors the progress of the college and suggests activities for the growth and overall development of the institution. K.L.N. Sourashtra College of Engineering council, the sponsoring academy of the college, resolves in their EC meeting that the president of the Engineering council as the chairman of GC.

2.ACADEMIC COUNCIL

The Academic Council will be solely responsible for all academic matters, such as, framing of academic policy, approval of courses,

regulations, syllabi, etc.

3.Board of Studies

The Board of Studies is the basic constituent of the academic system of the college. Its functions will include framing the syllabi for various courses, reviewing and updating syllabi from time to time, introducing new courses of study, determining details of continuous assessment, recommending panels of examiners under the semester system etc.

4. FINANCE COMMITTEE

The Finance Committee will advise the GC on financial matters. It shall prepare income and expenditure statements of the college in the prescribed format to submit to GC for fixation of tuition and others fees of the college.

5. ROLES AND RESPONSIBILITIES OF THE HEAD OF INSTITUTION

The principal is the academic and administrative head of the institute and works for the growth of the institute.He is the ex-officio member of GC, Chairman of Academic Council, Chairman of Finance committee and also Chief Controller of the Examinations. He monitors admissions, examinations, evaluation for smooth functioning of the system.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.klnce.edu/images/Organogram2023.pdf
Upload any additional information	View File
Paste link for additional Information	https://www.klnce.edu/Academics/Policies.aspx

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	**No File Uploaded**
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Welfare Schemes For teaching staff

1. Special incentives for staff members for presenting their papers in renowned journal with impact factor.
2. Incentive to faculty members on successful completion of NPTEL Courses
3. Group Accident Policy – sum Insured Rs.10.0 Lakhs – Bajaj Allianz General Insurance Company Limited
4. Mediclaim Policy – sum Insured Rs.2.5 Lakhs – New India Assurance Company Limited
5. Long Service Certificate & Gift – More than 10 Yrs. Continuous service in KLNCE
6. Incentive to staff for Industrial Consultancy
7. Incentive to Guide Ph.D. Scholars
8. Payment of Registration fee for Patent Application
9. SEED Money for Research and Development Projects

For non teaching staff

1. Group Accident Policy – sum Insured Rs.10.0 Lakhs – Bajaj Allianz General Insurance Company Limited
2. Mediclaim Policy – sum Insured Rs.2.5 Lakhs - New India Assurance Company Limited
3. Free Uniform given to Driver, Conductor, Sweeper, Scavenger, Watchman.
4. Fee waiver in the transport facility for the children of non teaching staff
5. Day allowances for the transport staff
6. Free breakfast for transport staff
7. Interest Free Loan for Marriage, Medical Expenses & Children Education

8. **Salary advance without interest for the non teaching staff during festivals.**
9. **Transport Fee Concession for wards to non teaching staff**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.klnce.edu/Academics/Policies/Staff_Benefits.pdf

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

38

File Description	Documents
Upload any additional information	[View File](#)
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

10

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	[View File](#)

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

130

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The financial statements like income, expenditure, balance sheet and summary of significant accounting policies with other information are prepared by the internal staff in account section of our College, audited by senior manager with the applicable accounting standards. Further, they also follow the design, implementation and maintenance of internal control of the financial statements.

Staff in the account section prepares the consolidated budget estimate submitted by the HOD of various departments and sections for the ensuing year to analyze the budget estimate by the Principal.

The analyzed budget estimate is submitted to the Management for approval to the ensuing financial year. The Principal informs the interim budget estimate to all HOD and section heads for the ensuing year.

The Charted Accountant appointed by the K.L.N. Sourashtra College of Engineering Council audits the financial statements like income, expenditure, balance sheet and summary of significant accounting policies and other information for each financial year submitted by the Management of the Engineering College.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.klnce.edu/NAAC/criteria_22_23.aspx

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0.10

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

The budget for each department is prepared by the Head of the Departments in consultation with lab In-Charges, faculty members. These department budgets were forwarded to Principal. Similarly all non academic departments also prepared their own budget for the entire academic year.

The overall financial budget is prepared annually by the Principal in consultation with accounts manager. The prepared budget proposal is placed before the Governing Council for approval. Budget allocation is done for every academic year for each department under various heads. Financial activities are carried out by accounts manager under the guidance of Principal. This process is scrutinized by the management and the auditors.

Utilization of budget is reviewed by the Principal in a meeting with all heads and academic support units. The unutilized fund of a department is transferred to other department based on the requirements.

The institute also makes a provision for advance/ additional funds. The Principal and the Heads discuss the requirements and decide in allotting financial resources for various purposes ensuring optimum use of available financial resources. The Governing Body studies the annual expenditure, scrutinizes the budget and provides feedback for efficient use of financial resources. Department heads ensure that suitable equipment with the right specifications are procured at competitive, optimal prices. Budget utilization is periodically reviewed by the management.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

1. Placement. IQAC in association with Quality Circle for potential employability have organized special training programs such as General Aptitude, Soft Skills, domain specific technical training, training on coding, expert talks from companies, skill level analysis, mock interview etc. Students are motivated to do specific online certification courses in their domains in order to improve their employability skills.

Quality circle for career planning has conducted expert talks on Digital Engineering, transformation, manufacturing, data driven digital transformation – Financial Industry etc. Some of the internal faculties have handled sessions on soft skills, numerical ability and logical reasoning. These are the initiatives of IQAC.

IQAC initiated the activity of giving company specific training to students before campus placements. As a result, 70% of final year eligible students have got placement opportunities during this academic year.Also, the percentage of students placed has been increased in almost all branches.

2. Incremental Improvements - Research & Development

Research Proposals approved by Funding Agencies during 22-23– Total Proposals were 6 whereas the research proposals approved by funding agencies were only 3 for the year 2021-2022.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.klnce.edu/General/Placement.aspx

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

1. Internal Academic Audit:

The main objective of internal academic audit is to improve teaching learning process in the college. The convener prepares a plan of activities to be implemented. The convener prepares the audit schedule which includes date of audit, the senior professors who are going to audit the class room teaching etc. The hand written content, resources utilized by faculty members such as ICT tools, question and answers, case studies, assignments, topics beyond the syllabus, self study topics for each subject were verified by the auditing team which may comprise of one or two professors from other departments. The assessment record of faculty members and also lab records are verified by the auditing team.

2. External Academic Audit. The main objective of External Academic audit is to improve the teaching learning process of individual departments. Each department identified an external academic auditor, who will be a professor, HOD of concerned department. This external auditor visits the department to verify the teaching learning processes such as Course materials, Syllabuses, assessment records, Answer scripts of centralized internal tests,result analysis, graduation results of previous year etc. He / She has provided valuable suggestions for improvements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://sites.google.com/view/klnce-swayam-nptel/2022-2023

6.5.3 - Quality assurance initiatives of the   **A. Any 4 or all of the above**

**institution include Regular meeting of the
IQAC Feedback collected, analysed and used
for improvement of the institution
Collaborative quality initiatives with other
institution(s) Participation in NIRF Any
other quality audit recognized by state,
national or international agencies (such as
ISO Certification)**

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.klnce.edu/download/Annual_report2023.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	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

1. Prevention of Sexual Harassment Cell (POSH) Cell

This cell has come into effect from 14.11.2015.

The Role of the cell:

- **Prevents discrimination and sexual harassment against women, by promoting gender equity among students and employees**
- **Ensures support services to the victimized and termination of harassment and fortify appropriate action is taken against the offender.**
- **Ensures victims and witnesses are not victimized / discriminated because of their complaint and establish the institution as Zero Harassment Zone.**

2. Women Empowerment Cell (WEC)

This cell has come into effect from 15.07.2017.

Objectives:

- Organizes seminars, workshops to shape women both in professional and personal life
- Creates awareness on the importance of women's healthy and hygienic life style

Activities Conducted for Academic year 2022-23:

1. WEC has organized "International Women's day 2K23' on 08.03.2023 for 30 faculty members and 85 Girl Students.

2. WEC has organized an Awareness program on "How to become better version of yourself"on 23.02.23 for 10 faculty members and 33 Girl Students.

3.WEC has organized Short flim contest on "Vizhithiru Vizhithelu" on 07-12-2022 for 84 Students.

4.WEC has organized Logo creation contest in the theme of 'women empowerment forum' on 11.05.2023 for UG and PG students.

5.POSH cell has organized Mime Show on "How to overcome Gender discrimination in Society" on 08.12.22 for 56 Students.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.klnce.edu/General/WECell.aspx

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

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	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 a maximum of 200 words)

1. Solid Waste Management

A bio-gas based turbine generator set is installed nearer to the Men's hostel. The food wastages from the hostel and canteen are used as the input to the bio gas plant. This AICTE funded project is ongoing. During the initial period, cow dung is used inside the bio gas plant to initiate the production of bio gas from the plant. Once the plant starts functioning, the food wastages are dumped into the bio gas plant. The gas produced is usually used for cooking purpose. It is planned to utilize this bio gas to generate electricity. The turbine generator is connected to fan and tube light in the Men's hostel. The bio gas produced from the plant is stored in the balloon and the pressurized gas is used to rotate the turbine which is coupled to 1kW synchronous generator.

2. Liquid Waste Management

Waste water recyclingplant is located nearer to the Ladies Hostel. Here drainage water is filtered and recycled by various water treatment processes which is used for watering the plants in gardens.

3. Mineral Water Treatment Plant

This mineral water plant is located in men's hostel ground floor.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	**No File Uploaded**

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
Geotagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **A. Any 4 or All of the above**

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

File Description	Documents
Geotagged photos / videos of the facilities	[View File](#)
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	[View File](#)

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: **C. Any 2 of the above**

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
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	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.

C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	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).

NSS unit of KLNCE organized power point presentation competition in association with Palkar Engineers Forum on 17.10.22 for 48 students. NSS unit organized Awareness Program on Health Management & Drug Abuse on 09.11.22 for 400 First Year UG students.NSS unit organized Blood Donation Camp in association with GH-Sivagangai on 15.11.22 For 100 students.NSS unit organized

final round for power point presentation competition at Sourashtra Arts & Science College in association with Palkar Engineers Forum on 18.11.22 for 12 Students. NSS unit of KLNCE organized Two Days Eye camp in association with Vasan Eye Care, Madurai on 13.12.22 & 16.12.22For 400 First Year UG students & 20 Staffs with Vasan Eye Care Madurai. NSS unit of KLNCE organized Awareness Program on Prevention of Kidney Disease on 28.12.22 for 150 First year UG Students. NSS unit organized Tree Plantation in association with Lions Club-Madurai on 31.01.23 for 20 Plant Saplings. 25 students from Rotract club are participated as volunteers in General Medical Camp for Physically Challenged people on 25.09.22. To develop the harmony among the students cultural competition has been conducted in the name of "CLAFIESTA2K21" on 12.05.23 respectively for II, III, IV year UG students and PG students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

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

Human Values and Professional Ethics

1. Rotract Club of KLNCE 25 students are Participated Walkathon for create awareness about organ donation with Rotary Club of Madurai on 15.10.22

Resource persons: Rotarians-Rotary Club of Madurai.

2. NSS unit of KLNCE organized Yoga for Humanity (Phase-III) on 27.12.22For 400 First Year UG students & 20 Staff members.

Resource persons: Mr.John, Ms. Malarvizhi, Mr. Selvakumar- ISHA Yoga, Madurai.

3. NSS unit of KLNCE organized Yoga Program – Practices for Healthy Life on 08.11.22 for 400 First Year UG students.

Resource persons: Mr.Selva Kumar & Mr.M.Sriram-ISHA Yoga, Madurai. (Phase-II)

4. NSS unit of KLNCE organized Orientation Program on NSS Regular

Activities & Special Camp on 28.12.22 for 200 First Year UG Students.

5. NSS unit of KLNCE organized Awareness Program on Anti-ragging & its consequences on 01.12.22 For 400 First Year UG students & 25 Staffs

Resource persons: Mr.M.Santhanabose, Sub-Inspector of Police, Keerathurai Station- Madurai.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	[View File](#)

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 the Code of Conduct are organized

B. Any 3 of the above

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	[View File](#)
Any other relevant information	[View File](#)

7.1.11 - Institution celebrates / organizes national and international commemorative days, events

and festivals

Every year in our college we celebrate "Republic day" on 26th January 2023 with all Staff members and Students in our college ground. Our Secretary Dr.K.N.K.Ganesh, B.E.,Ph.D (Hons) hoist our National Flag and some of our students give patriotic speech on our Freedom Fighters and also we are conducting quiz for the students. The prizes are distributed for both speech and quiz by our management members. The National science day was organized by Industry Institute Partnership Cell(IIPC) combined with mathematics department on 28.02.2023.from our college the Engineer's day was celebrated with various technical events in the name of "Techroll" on 27.09.2022. Dr. A.P.J Abdul Kalam's birthday was celebrated by our college with quiz competition on 20.10.2022. Department of Mathematics every year celebrating our Founder President's birth anniversary which falls on 1st January, in a grand manner under Corporate Social Responsibility theme. As a part of it, the Online quiz contest was conducted to the plus two students of various schools in Madurai District. The Program was headed by Dr.J.K.Subashini.,Prof & HOD, (Convener). The department of mechanical engineering was celebrated "Ambedkar Jeyanthi" with guest lecture on "Father of Indian Constitution" on 17.04.2023. The women empowerment cell organized "international women's day 2023" with various events on 18.03.2023.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

BEST PRACTICE – 1

Title of the Practice:KLNCE-Honeywell Technology Solutions (HTS) Remote Project Mentorship

Practice:

For this program, Every year15 students were scrutinized by KLNCE and HTS experts from department of IT, CSE & ECE .These students are given problem statements in the areas are latest cutting edge technologies like Natural Language Processing, Data Work Flow, Chat Bot using Machine Language & Image Processing. All the problem statements are real time projects from HTS, these projects enable the student to get exposed into the industry related use.

BEST PRACTICE – 2

Title of the Practice: Research Promotion Through QCARD (Quality Circle- Advanced

Practice:

The convener of QC-ARD convenes frequent meetings among members to convey research oriented activities such as project proposals, quality publications and workshops. QC-ARD as a Research forum motivates domain experts within the college to deliver their area of focus among faculty members which may be an initiative for multidisciplinary projects. The practice of submitting proposals in a prescribed format and completion report is cultivated among faculty members. Patent filing of innovative ideas are also educated to all.

File Description	Documents
Best practices in the Institutional website	https://www.klnce.edu/General/HTSLab.aspx
Any other relevant information	https://www.klnce.edu/QualityCircle/QCARD.aspx

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)

INDUSTRY INSTITUTE PARTNERSHIP CELL (IIPC)

IIPC ACTIVITIES FOR ACADEMIC YEAR 2022-23

There are 31 industrial experts are invited to deliver their expertise as an expert talk on various engineering related topics

for the benefits of students. 11 Industrial visits have been arranged to improve the industrial knowledge to the students. Internship opportunities have been grabbed by 60 final year students in this academic year. IIPC organized 36 competency development program and 3 personality development program ms to improve the interpersonal skills of the students. Also 156 final year student got industrial training. Also 43 faculty members got trained in various industries to update their current trends. There are 11 technical festivals had been arranged to enhance the technical knowledge of staff and students.55 students done their final year projects at various industries. One project has been done by the students through industry. Two project proposals submitted to funding agencies. IIPC signed 5MOUs with industries.120 consultancy work done with industry also 4 patent where registered. IIPC arranged to established 4 industries in our college.3 awards received from industries.

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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Institute has the systematic procedure for development, revision and implementation of curriculum of all the departments. The curriculum of all programmes is developed in accordance with Programme Educational Objectives (PEOs), Programme Specific Outcomes (PSOs) and Programme Outcomes (POs). Curriculum is designed to focus mainly on introducing new courses with multiple facts for improving the core competency and technical knowledge.

The process of developing the curriculum is discussed in Department Advisory Committee (DAC) and the course content is framed based on the feedback received from stakeholders and ensures that it has relevance to local, national and global developmental needs with all necessary fundamentals. The proposed curriculum is put forth to Board of Studies (BOS) comprising the Head of the Department as Chairman, experts from industry, external subject experts and faculty members. After deliberations the syllabus is approved and subsequently brought to the Academic Council for final approval.

The students are motivated to upgrade their knowledge by undergoing online courses through NPTEL, IIT Spoken Tutorials. In addition to the curriculum, Soft skills and general aptitude training is provided to the students. Further student's skills are upgraded by conducting value added courses through various cells, Industry Internship programs and thereby become industry ready.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://www.klnce.edu/Academics/Academics.aspx

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

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

219

File Description	Documents
Curriculum / Syllabus of such courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	[View File](#)
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

219

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

11

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

In order to integrate the cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics. The College has imbibed different types of courses in the curriculum, some enhance professional competencies while others aim to inculcate general competencies like social values, human values, environment sensitivity etc., thereby leading to the holistic development of students.

Prevention of sexual harassment (POSH) cell with Internal Complaints Committee (ICC) was constituted and has been functioning in formal sense since 2015. The entire cell aims to enable lady faculty and girl students to explore their imminent potential in all aspects, providing a congenial working environment for them.

A course of threecredit on human values "Professional Ethics and Human Values" is offered as Subject / open elective to all the students to take at least once during the programme of study. As an integral part of student engagement in social activities during their programme of study, college also

mandates all the students to enroll as NSS/NCC Volunteers. It aims at inculcating values, ethics and socially responsible qualities. Workshops and seminars on various aspects of environment sustainability are organized periodically.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

67

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

2131

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

831

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.klnce.edu/download/2020%20-%202021/college_facility.html
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.klnce.edu/download/2020%20-%202021/college_facility.html
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

583

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

571

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Students Induction Programme (SIP) has been conducted, every year for the fresher's, as per the guidelines of AICTE, Anna University. College level and department level soft skill programmes are scheduled to motivate the students to participate in the various events. Regulation, examination pattern, year wise training programme, curricular and co-curricular activities are informed so as to prepare them for engineering outcomes. Counseling given for students coming from different back round (rural/urban), difficulty, if any, with respect to medium of instruction.

Programs for Advanced Learners:

AICTE sponsored Industry Institute Partnership Cell [IIPC] of KLNCE supports and sponsors students to undergo industrial visit and to have interaction with industry experts at our venue through seminars, workshops & short term training programs. The Innovative Promotion Cell (IPC), Institution Innovation Council (IIC) of KLNCE aids project based learning system.

The Continuing Education Cell (CEC) of KLNCE motivates the students to undergo higher studies by organizing the awareness

programme about GRE, ToEFL, GATE, CAT, Study of Foreign Languages like French, Japanese etc.

In addition to that students are encouraged to enroll in NPTEL, IIT Spoken Tutorial classes to improve their skills on emerging technologies and for placement preparation.

Programs for Slow Learners :

Special coaching classes like remedial classes (conducted for those failed/ secured less marks in internal tests), coaching classes (for problematic subjects) are arranged for slow learners.

Retests/Improvement Tests are conducted for the students who failed in Internal tests/Secured less marks.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.klnce.edu/download/2022-2023/EEE/SIP_2022_2023.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2022	2055	158

File Description	Documents
Upload any additional information	[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:

Experiential learning:

Experiential learning is carried out by providing hands-on training to students in laboratory sessions. Students are motivated to do mini project, final year project and to attend State & National level project contest.

Participative learning:

The participative learning is implemented by collaboration / group in our college. Academic schedule of each department enforces all faculties to provide self -study topics, exclusive tutorial sessions, seminar presentation and group discussion as mandatory learning methodology.

Students are motivated towards paper presentation by two or three students to various symposiums, National and International Conferences. IIC & IIPC in our college conduct contest in Mini projects and provides fund for student projects.

Students work in group for student chapters of CSI, IETE, ISTE, IEEE, IEI, ISHRAE, YUVA-Yi towards conduct of technical/management program. Special Interest Group (SIG) of students based on their subject interest is providing their knowledge and skill to their peers. This will yield better learning outcomes.

IIT – Bombay Spoken Tutorial online courses are offered to students to enrich participative learning.

Problem solving methodology:

Additional learning methodologies such as brain-storming sessions are arranged for students during ICTACT courses and Hackathon contest.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://www.klnce.edu/IIPC/IDCA/IDCAMasterSummary.aspx

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

ICT tools and resources: Computers with Internet, LCD Projector, NPTEL, Google form, Moodle, Globarina software - Language Lab, NISM online stock market course, Learn Biz

LMS: Google classroom, MS Team & Zoom platforms are used for

Teaching Learning process.

Academic Calendar uploaded in college website.

Students academic performance available in students Login.

Learning materials such as Monograph, laboratory manuals, Question bank, NPTEL Content are available in the College website.

E-Learning resources : E-Journals such as IEEE, ASME, J-GATE can be accessed within the college campus by Students and Faculty.

Online test facility for competency development is practiced for the student benefit.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://youtube.com/c/ManojsEducation
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

109

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

- Academic calendar of the college is prepared, every semester (Odd semester during the month of June and Even semester during the month of December) in accordance with the academic schedule of the Anna University and Autonomous regulation.

- **Academic Calendar of the college is published in the college website, one week before the commencement of the classes, and also mailed to department mails for staff and students reference.**
- **List of public holidays, parents-teacher meeting, founders day, sports day, college annual day, graduation day, tentative dates for state/National level technical symposium, National/International conferences, etc, are also included.**
- **Schedules of commencement of the classes, Last working day, commencement of practical examinations, commencement of end semester examination and reopening day for the next semester are given in the academic calendar.**
- **Schedules of Faculty meeting, Course committee meeting, Class Committee meeting, Student's counselor meeting, Administrative committee meetings of NBA, NAAC are included.**
- **Internal test – class test/centralized internal test, Model practical/Theory examinations, Retest, Remedial classes schedules are available with the academic calendar.**
- **Academic calendar discussed in the HODs meeting, Faculty meeting and class committee meeting so as to disseminate various schedules and to plan college/department/administrative cells activities accordingly.**

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

158

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

59

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1820

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

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

35

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	**No File Uploaded**
Upload any additional information	**No File Uploaded**

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

- **Schedule of Internal examinations are published in the Academic calendar, and uploaded in the college website for staff and students reference, one week before the commencement of the classes.**
- **Examination Management Cell (EMC) holds the responsibility for internal evaluation system, throughout the semester. Meeting of the EMC members conducted, regularly, procedures for the conduct of internal examinations discussed, invigilation duty, question paper pattern, discipline norms for the students, malpractices and punishments, automation entry of internal marks, submission of result analysis, disciplinary action taken, question paper scrutiny, answer paper scrutiny, etc.**
- **Internal Test question papers are set following Bloom's Taxonomy.**

- **The answer scripts of internal test are given back to the students after evaluation, and discussed in the class committee meeting.**
- **The marks are entered in college automation and submitted to COE as per the schedule, for further process.**

- **The internal examination results are analyzed by the HOD during faculty meeting and HOD's meeting, proper remedial action is taken such as conduct of Retest, Remedial Class, Counseling for Slow and Fast learners, etc.**
- **Provision for applying for revaluation and review of answer scripts of end semester examinations exist, as per Autonomous norms.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.klnce.edu/Amenities/EMC.aspx

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Program outcomes (PO's), Program Specific Outcomes (PSOs) and Course

Outcomes (COs) for all the programmes are stated and displayed in department website of the College.

Program Outcomes (POs) and Program Specific Outcomes (PSOs) are communicated to the stake holders of the program.

- **POs and PSOs are approved by the Department Advisory Committee**
- **Banners showing POs and PSOs are kept in prominent locations of the campus for staff, students and public view.**
- **Banners showing POs and PSOs are kept in EEE Department office, Laboratories and Department library.**
- **Printed copies of POs and PSOs are pasted in the attendance cum assessment record.**
- **POs and PSOs are communicated to employers and Alumni by sending mail and during the Alumni Meeting.**
- **During the class committee meeting and faculty meeting POs and PSOs are reviewed among the students and staff members.**
- **Vision and Mission of Institute and department are informed to the parents during Parents-Teachers Meeting.**
- **POs and PSOs are given in the laboratory manual. Mission, Department Vision, Mission are printed on the back cover**

> of the laboratory manual issued to the students of B.E. -
> Electrical and Electronics Engineering.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.klnce.edu/download/2021%20-%202022/ECE/ME_syllabus.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Framework of attainment of Course Outcomes:

The assessment tools can be divided into two categories

- **Direct Assessment and**
- **Indirect Assessment**

The questions for the tools such as internal tests, assignments, course outcome survey etc. are taken, which relate to specific course outcomes in each course. Presentations and seminars are aimed towards widening the scope of the subject including its impact on society and environment as a whole. The questions at the presentations/seminars make the scope even better and relate with the course and program outcomes such as PO6, PO7, PO8, PO10, PO11, PO12 thus the need for continuous independent life-long learning is emphasized.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.klnce.edu/download/2022-2023/EEE/2019_2023_CO_PO_Attainment.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

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496
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File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	Nil

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 weblink

https://www.klnce.edu/download/2020%20-%202021/college_facility.html

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

```
The Quality Circle – Advanced Research and Development (QC –
ARD) was established during 2013. Through QC – ARD, the
Management provides financial support in the form of venture
capital to the faculty members to expose their innovations in
the form of research projects.

QC – ARD encompasses four major activities within the campus

   1.  Faculty Research projects – ARD
   2.  Student research projects – IPC
   3.  Consultancy activities in collaboration with industry –
       IIPC
   4.  Innovative projects – IIC

The roles of QC – ARD includes,

   •  Recommending Research project proposals by faculty
      members
   •  Motivating interdisciplinary sponsored research
```

Innovation Promotion Cell (IPC)

IPC was established during September 2014, aiming towards collecting innovative ideas and concepts of societal for fulfilling the needs of the society and there by developing realizable products and services.

Industry Institute Partnership Cell (IIPC)

IIP Cell is to bridge the gap between industry expectations (practice) and academic offerings (Theory) by direct involvement of industry to attain a symbiosis.

Institute Innovation Council (IIC)

The main objective is to create a vibrant local innovation ecosystem and start-up supporting mechanism.

- **Conduct various innovation and entrepreneurship-related activities.**
- **Organize periodic workshops/ seminars/ Hackathons, interactions with entrepreneurs to create a mentor pool for student.**

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.klnce.edu/QualityCircle/QCARD.aspx
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

3.05

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	**No File Uploaded**
List of teachers receiving grant and details of grant received	View File
Any additional information	**No File Uploaded**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

29

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0.075

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

1

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.klnce.edu/Departments/UG/Eee.aspx
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

29

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

1

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.klnce.edu/Departments/UG/Eee.aspx
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution has five quality circles and various cells for

the development of innovative projects, product development and entrepreneurship development.

The quality circles are

1. Quality Education (Faculty)
2. Quality Education (Student)
3. Career planning
4. Advanced Research & Development
5. Industrial Relations

The various active cells are

1. Student research projects – IPC
2. Consultancy activities in collaboration with industry – IIPC
3. Innovative projects – IIC
4. Entrepreneur Development Cell (EDC)
5. Technology Business Incubation (TBI)
6. Innovation and Research Park (IRP)
7. Unnat Bharat Abhiyan (UBA)

Industry Institute Partnership Cell

IIP Cell is to bridge the gap between industry expectations (practice) and academic offerings (Theory) by direct involvement of industry to attain a symbiosis.

Entrepreneur Development Cel

The objective of the cell is to inculcate the attitude of employment creation than employment seekers. Seminars, workshops, interaction with entrepreneurs and startup units are arranged regularly through the cell.

Technology Business Incubation

The incubation cell applied under MSME, provides opportunity to the innovators in developing and nurturing their new innovative ideas for the production of new innovative products which can be sent in to the market for commercialization.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://klnce.edu/IIPC/IIPC.asp

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

115

File Description	Documents
Report of the events	[View File](#)
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	[View File](#)

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**A. All of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	[View File](#)
Any additional information	[View File](#)

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

11

File Description	Documents
URL to the research page on HEI website	https://www.klnce.edu/QualityCircle/AdvancedResearch.aspx
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

0.278

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

0.5

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://klnce.edu/NAAC/NAAC2022/Criteria_22_23_3.aspx

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

5896

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

36

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

9.7585

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	**No File Uploaded**
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

112290

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	**No File Uploaded**
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Students, in general, are motivated and sensitized to social issues, Leadership qualities and holistic development through medical checkup, blood donation, tree plantation, awareness programmes on drug abuse, women abuse, anti Tobacco, safety, helping old age homes in neighbourhood community.

A) National Service Scheme (NSS)

The objective of the scheme is to promote extension activities like General Medical Camp including Eye Dental Care, seven days rural camp for the benefit of villagers and Tree plantation.

B) Youth Red Cross (YRC)

It is a constituent of Indian Red Cross (IRC). These activities are normally carried out during weekends / vacation period and shall be completed during first year of the program. C) Rotract Club:

Our college Rotract Club of Madurai is sponsored by the Rotract Club of Madurai. Students (around 1500) enroll as members in the college Rotract club of Madurai with the guidance of a staff coordinator. Activities like educational seminar, quiz programmes and constructive activities for the benefit of the society.

D) Extension activities promoted by the Department.

The activities include programmes like Road safety, conservation of electrical energy and safety to villagers, donation to poor students at school, quiz and awareness on higher education to plus two students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://klnce.edu/Amenities/NSS.aspx

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

160

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

17

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

2650

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

244

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

10

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

"Educationmust provide the opportunities for self-fulfillment; it can at best provide a rich and challenging environment for the individual to explore, in his own way"

To explore an institution of technical excellence, in his / her own way and to face the challenging technological environment,

our founder president Thiru.K.L.N.Krishnan started an Engineering college in the name of K.L.N.College of Engineering. This college is mainly established for the betterment of the down trodden people of SivagangaiDistrict.Which is an economically backward district in TamilNadu.

This college is the first self-financing Co-educational Engineering College in Sivagangai, situated on the South Eastern outskirts of Madurai, 11th Km on Madurai – Nedungulam Road. It is built in an area of 53.8 acres.

In all 50,247 sq.meter of buildings have been constructed for effective teaching learning process. The management is conscious of updating every need to increase the infrastructure.

In order to facilitate the easy accessibility for the students, 1876numbers of computers have been installed so far. This shows the management's conviction in providing essential infrastructure for the Hands on Training to the students in our college.

Total expenditure incurred so far towards the cost of assets (equipment's, buildings &Furnitures) is about Rs.85.00 corers.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.klnce.edu/NAAC/criteria_22_23.aspx

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

"A Sound Body Keeps, A Sound Mind"

KLNCE's ultimate aim is to bring the harmonious development to the students. For this,the college has a very good Football field, Cricket circle, Ball badminton court (2 Nos.), Volleyballcourt (3 Nos.), Indoor Badminton Court (4 Nos.), Concrete Basketball Court (1 No), Tennis court (1 No), Hand

Ball court.

A 400 mt. Standard Track, Long jump pit and High jump pit are available. A separate recreation room is available for carrom, chess and table tennis towards indoor games.

Outdoor / Indoor

The college has an Indoor stadium of 2,221 sq. meter for Indoor games like shuttle cock, Table Tennis , Chess, Carom and 10 Station Gym for Boys & 6 Station Gym for Girls. Ten acres of land has been cleaned off and leveled for play grounds and athletic events

Cultural

The Cultural and Literary Association (CLA) is formed for encouraging the Staff and Students in order to develop and extend their Extra Curricular Skills for creating a platform to expose their talents.

The college have separate music club called "K.L.N. Melody Fine Arts Club" by which staff and students can develop their vocal skill and to play musical instruments.

File Description	Documents
Geotagged pictures	[View File]()
Upload any additional information	**No File Uploaded**
Paste link for additional information	[https://www.klnce.edu/NAAC/criteria 22 23 .aspx]()

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

62

File Description	Documents
Upload any additional information	[View File](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

0

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

1. **Library automation software which is equipped with fully integrated multi-user software on windows environment, developed and implemented by ISSG (Information System Support Group) of our college. It is user friendly, informative and has the features such as powerful search engine which locates the status and location of the books in the library, displays all available books and the borrower status.**

1. **Number of computers for student access (OPAC) – 02**
2. **Number of printers for student access- 02**
3. **Internet band width/speed – 200 Mbps**
4. **Institutional Repository- Students Project Reports, Anna University Previous Years Question Banks, Faculty Publications (manuscript).**
5. **Content management system for E-learning: NPTEL, NDL (National Digital Library)**
6. **RFID system for book issue, return and to avoid unmarked book issue.**

1. **Nature of Automation- Fully**
2. **Version – 6**
3. **Year of Automation – 2000**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.klnce.edu/NAAC/criteria 22 23 .aspx

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	**B. Any 3 of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File]()
Upload any additional information	**No File Uploaded**

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

12.5

File Description	Documents
Audited statements of accounts	[View File]()
Any additional information	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File]()

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

26

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The College has Internet of 500 Mbps Direct Link , 24 hours x 7 days a week Internet facility available in all Departments

To provide convenient connection of notebook computers to the campus network and to facilitate internet connectivity, both wireless LAN access points and fixed network outlets have been installed at different areas on campus including the Central Library, Conference Halls, Canteens, Auditorium and Hostel. With the adoption of the WPA (Wi-Fi Protected Access) Protocol, data communication over the wireless LAN is highly secure. With a notebook computer with wireless capability, the students/staff may get convenient access to the campus network at locations with wireless access points established. The Wireless LAN will also facilitate departments and student organizations in holding exhibitions, presentations and any other functions which require network access in the open areas.

S.No

No of Device

Locations

TOTAL

1

4

Men's Hostel -2 (Final year block, Mess), Pg Block-1,IT WIFI LAB.

4

2

4

Library block-1, EEE block-2, Mech block-1

8

3

5

Men's hostel -2 (Final year block,Mess), PG block -2, IT -1

13

4

2

EEE block -2

15

5

4

CSE-1,ECE-1, Men's hostel-2 (first year block, final year block)

19

6

2

Auto mobile -1, Mechanical -1

21

7

1

Men's hostel -1

22

8

2

Ladies hostel -2

24

9

7

Office -1, CSE-1, Men's hostel -2 (First block first floor),Ladies Hostel-2, MENS HOSTEL -1

31

10

2

AI&DS Block

33

31

33

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.klnce.edu/NAAC/criteria_22_23.aspx

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2062	1876

File Description	Documents
Upload any additional information	[View File]

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

`A. ?50 Mbps`

File Description	Documents
Details of bandwidth available in the Institution	[View File]
Upload any additional information	**No File Uploaded**

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

`A. All four of the above`

File Description	Documents
Upload any additional information	[View File]
Paste link for additional information	https://www.klnce.edu/NAAC/criteria_22_23.aspx
List of facilities for e-content development (Data Template)	[View File]

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

`764.51`

File Description	Documents
Audited statements of accounts	[View File]
Upload any additional information	[View File]

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

Maintenance and utilization of the Infrastructure Facilities:

The maintenance and upkeep of the infrastructure facilities are carried out with the support of the heads of the particular infrastructure department. The followingare the supporting departments

1. Transport Department

2. Civil Maintenance

3. Information System Support Group

4. Security System

5. Electrical Maintenance

6. Library

7. Physical Education

8. GHealth Centre

9. Laboratory Maintenance

10. Nodal Centre

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.klnce.edu/NAAC/criteria_22_23.aspx

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1247

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

144

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities 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
Link to Institutional website	https://www.klnce.edu/IIPC/IDCA/DeptSummary.aspx
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1352

File Description	Documents
Any additional information	[View File](#)
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	[View File](#)

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	[View File](#)
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	[View File](#)

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

240

File Description	Documents
Self-attested list of students placed	[View File](#)
Upload any additional information	[View File](#)

5.2.2 - Number of outgoing students progressing to higher education

13

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - 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

4

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

24

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Student members play a predominant role in the committees at different engineering communities such as IEEE, IETE, SAE, ISTE, CSI, IEI etc. Department Advisory Committee (DAC) and Unnat Bharat Abhiyan (UBA) scheme provides a channel of communication between the faculty, administration and the

student body.

Value-added courses are carried out by several cells convened within the department such as SAE INDIA KLNCE Collegiate Club, The Indian Society of Heating Refrigerating and Air Conditioning, Association of Computer Engineers, EINSTEA association, Elite association, Microelectronics Club, Social Club, ODYSSEY, KLNCE Science and Humanities Association, Emerging Information Technologist Association, GEMS Association, CII Chapter, Young Indian Madurai Chapter.

Various co-curricular and extra-curricular clubs such as Hackathon/Learnathon, Microsoft campus club, Google student club, Electronics Innovation club, IoT club, Robotics club, Automation club, Student quality club, Web design/coding club, Life science club, Power quality and energy audit club, Poetry club, Toast Master club, Fine Arts club, Cycle club, Animation club, Fashion Design club, Photography club, Video Game Development club, Humour club, Meditation/Yoga club, Software Forum and Higher Education club, cultural and literary association, NSS, YRC, Hostel and class committees effectively function in addressing the grievances and suggestions of the students through their representatives periodically.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.klnce.edu/Amenities/Committees.aspx

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

6

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The college has an alumni association with the objective of organizing the annual reunions. The alumni association was established in 1998, and has been maintaining a life-long connection between the institution and its alumni. The registration of alumni association is under process. The mission of the association is to foster strong bonds between alumnae, students and the institute.

An alumnus conducts placement orientation programs to final year students. They help students with their projects, share job openings, walk them through the steps involved in securing internships, industrial visits and they ultimately establish a strong bondage with the institute and the students.

The institute holds an exclusive login page at the college website for the alumni to reminisce the memories of events, which have taken place during the alumni meet. The gatherings are held at Madurai/Chennai/Bangalore/Virtual Mode and other places. A well-maintained database helps track down the contact information. The current students contact their alumni members and interact about placement and project guidance over phone and internet. The K.L.N.C.E. Alumni Association is enrolled with 11,040 Members and this association has chapters at Madurai, Bangalore and Chennai. In total, 32 Alumni Meet have been conducted both inside and outside the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.klnce.edu/alumni/login.html

5.4.2 - Alumni's financial contribution during the year	C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Vision of the College

To become a Centre of Excellence in Technical Education and Research in producing Competent and Ethical professionals to the society

Mission of the College

To impart Value and Need based curriculum to the students with enriched skill development in the field of Engineering, Technology, Management and Entrepreneurship and to nurture their character with social concern and to pursue their career in the areas of Research and Industry.

In order to achieve the above vision and mission, quality circles such as quality circle for Quality Education - Staff, Quality circle for Quality Education – Students, Quality circle for Career planning, Quality circle for Research and Development and Quality circle for Industrial Relations have been formed with conveners.

Each quality circle has a convener, faculty representatives from each department. Each convener reviews their plan of activities twice in a year along with IQAC convener in order to monitor the progress of the college in the right direction.

Three of the faculty members have been included in Governing council, the apex body of the college. They were involved in the decision making process. Two of the staff members were included in the finance committee of the college. They have participated in the finance committee meetings.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.klnce.edu/QualityCircle/QCQEC.aspx

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

Decentralization:

In order to disseminate power, various academic support units have been formed such as Industry Institute Partnership cell (IIPC), Innovation Promotion Cell (IPC), Prevention of Sexual Harassment (POSH) cell, Continuing Education Cell (EDU), Entrepreneurship Development Cell (EDC), Career Development Cell etc have been formed with conveners and members from departments.

Each department is given academic freedom by empowering the head of the department and faculty members. Each cell has its own plan of activities for the academic year. Each cell organizes workshops, training programs for the benefit of staff and students. These cells convene review meetings with Principal and IQAC coordinator to review their objectives.

The curriculum development for each branch is executed in a decentralized manner. Each department has its own Board of Study (BOS) members and Anna University Representative. Each department has conducted two BOS meetings in a year. Each department conducts BOS meeting by inviting BOS members and AU representative either in an online / offline mode.

2. Participative Management: The activities pertaining to the Institute in respect of teaching, learning, Industrial Interactions, student's placement, research and development are reviewed by the management in a Management Review (MR) meeting which will be conducted once in a year.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.klnce.edu/QualityCircle/QualityEduStudents.aspx

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The important strategic plan of the college is to improve the skills of faculties and students

Skill Enhancement for faculty members

Faculty members were motivated to attend workshops, faculty training programs, short term training programs in their specific domains organized by other Engineering colleges and Industries such as Infosys, Honeywell etc.

Faculty members were given incentives to present their papers in International conferences and to publish them in International and reputed Journals like UGC journals. They are motivated to do Ph.D in part time in Anna University and other universities & to do online NPTEL courses in their interested subjects.

Skill Enhancement for students

In order to enhance employability skills of the students, Training and Placement cell organizes various training programs from the first year onwards.

Students are motivated to attend the workshops organized by their departments, other departments in the college and also workshops organized by other engineering colleges.

Students are guided to participate in technical competitions organized by other engineering colleges such as paper presentations, quiz, hackathon etc.

Students are motivated to do NPTEL online courses in their interested courses. Faculty members have mentored them to successfully complete their certifications.

Incentives were given to all faculty members and students who have completed their NPTEL online certification.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://www.klnce.edu/download/2021%20-%202022/EEE/NPTEL_Students_22_23_Even.pdf
Upload any additional information	[View File](#)

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

    1. GOVERNING COUNCIL (GC)

1. Governing Council. The Governing Council is the highest body that monitors the progress of the college and suggests activities for the growth and overall development of the institution. K.L.N. Sourashtra College of Engineering council, the sponsoring academy of the college, resolves in their EC meeting that the president of the Engineering council as the chairman of GC.

2.ACADEMIC COUNCIL

The Academic Council will be solely responsible for all academic matters, such as, framing of academic policy, approval of courses, regulations, syllabi, etc.

3.Board of Studies

The Board of Studies is the basic constituent of the academic system of the college. Its functions will include framing the syllabi for various courses, reviewing and updating syllabi from time to time, introducing new courses of study, determining details of continuous assessment, recommending panels of examiners under the semester system etc.

4. FINANCE COMMITTEE

The Finance Committee will advise the GC on financial matters. It shall prepare income and expenditure statements of the college in the prescribed format to submit to GC for fixation of tuition and others fees of the college.

5. ROLES AND RESPONSIBILITIES OF THE HEAD OF INSTITUTION

The principal is the academic and administrative head of the institute and works for the growth of the institute.He is the ex-officio member of GC, Chairman of Academic Council, Chairman of Finance committee and also Chief Controller of the Examinations. He monitors admissions, examinations, evaluation for smooth functioning of the system.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.klnce.edu/images/Organogram2023.pdf
Upload any additional information	View File
Paste link for additional Information	https://www.klnce.edu/Academics/Policies.aspx

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	**No File Uploaded**
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Welfare Schemes For teaching staff

1. **Special incentives for staff members for presenting their papers in renowned journal with impact factor.**
2. **Incentive to faculty members on successful completion of**

     NPTEL Courses
3. Group Accident Policy – sum Insured Rs.10.0 Lakhs – Bajaj Allianz General Insurance Company Limited
4. Mediclaim Policy – sum Insured Rs.2.5 Lakhs – New India Assurance Company Limited
5. Long Service Certificate & Gift – More than 10 Yrs. Continuous service in KLNCE
6. Incentive to staff for Industrial Consultancy
7. Incentive to Guide Ph.D. Scholars
8. Payment of Registration fee for Patent Application
9. SEED Money for Research and Development Projects

For non teaching staff

1. Group Accident Policy – sum Insured Rs.10.0 Lakhs – Bajaj Allianz General Insurance Company Limited
2. Mediclaim Policy – sum Insured Rs.2.5 Lakhs - New India Assurance Company Limited
3. Free Uniform given to Driver, Conductor, Sweeper, Scavenger, Watchman.
4. Fee waiver in the transport facility for the children of non teaching staff
5. Day allowances for the transport staff
6. Free breakfast for transport staff
7. Interest Free Loan for Marriage, Medical Expenses & Children Education
8. Salary advance without interest for the non teaching staff during festivals.
9. Transport Fee Concession for wards to non teaching staff

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.klnce.edu/Academics/Policies/ Staff_Benefits.pdf

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

38

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

`10`

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

`130`

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

`The financial statements like income, expenditure, balance sheet and summary of significant accounting policies with other information are prepared by the internal staff in account`

section of our College, audited by senior manager with the applicable accounting standards. Further, they also follow the design, implementation and maintenance of internal control of the financial statements.

Staff in the account section prepares the consolidated budget estimate submitted by the HOD of various departments and sections for the ensuing year to analyze the budget estimate by the Principal.

The analyzed budget estimate is submitted to the Management for approval to the ensuing financial year. The Principal informs the interim budget estimate to all HOD and section heads for the ensuing year.

The Charted Accountant appointed by the K.L.N. Sourashtra College of Engineering Council audits the financial statements like income, expenditure, balance sheet and summary of significant accounting policies and other information for each financial year submitted by the Management of the Engineering College.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.klnce.edu/NAAC/criteria_22_23.aspx

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0.10

File Description	Documents
Annual statements of accounts	[View File](#)
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	[View File](#)
Any additional information	No File Uploaded

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

The budget for each department is prepared by the Head of the Departments in consultation with lab In-Charges, faculty members. These department budgets were forwarded to Principal. Similarly all non academic departments also prepared their own budget for the entire academic year.

The overall financial budget is prepared annually by the Principal in consultation with accounts manager. The prepared budget proposal is placed before the Governing Council for approval. Budget allocation is done for every academic year for each department under various heads. Financial activities are carried out by accounts manager under the guidance of Principal. This process is scrutinized by the management and the auditors.

Utilization of budget is reviewed by the Principal in a meeting with all heads and academic support units. The unutilized fund of a department is transferred to other department based on the requirements.

The institute also makes a provision for advance/ additional funds. The Principal and the Heads discuss the requirements and decide in allotting financial resources for various purposes ensuring optimum use of available financial resources. The Governing Body studies the annual expenditure, scrutinizes the budget and provides feedback for efficient use of financial resources. Department heads ensure that suitable equipment with the right specifications are procured at competitive, optimal prices. Budget utilization is periodically reviewed by the management.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and

post-accreditation quality initiatives (Second and subsequent cycles)

1. Placement. IQAC in association with Quality Circle for potential employability have organized special training programs such as General Aptitude, Soft Skills, domain specific technical training, training on coding, expert talks from companies, skill level analysis, mock interview etc. Students are motivated to do specific online certification courses in their domains in order to improve their employability skills.

Quality circle for career planning has conducted expert talks on Digital Engineering, transformation, manufacturing, data driven digital transformation – Financial Industry etc. Some of the internal faculties have handled sessions on soft skills, numerical ability and logical reasoning. These are the initiatives of IQAC.

IQAC initiated the activity of giving company specific training to students before campus placements. As a result, 70% of final year eligible students have got placement opportunities during this academic year.Also, the percentage of students placed has been increased in almost all branches.

2. Incremental Improvements - Research & Development

Research Proposals approved by Funding Agencies during 22-23- Total Proposals were 6 whereas the research proposals approved by funding agencies were only 3 for the year 2021-2022.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.klnce.edu/General/Placement.aspx

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

1. Internal Academic Audit:

The main objective of internal academic audit is to improve teaching learning process in the college. The convener prepares a plan of activities to be implemented. The convener prepares

the audit schedule which includes date of audit, the senior professors who are going to audit the class room teaching etc. The hand written content, resources utilized by faculty members such as ICT tools, question and answers, case studies, assignments, topics beyond the syllabus, self study topics for each subject were verified by the auditing team which may comprise of one or two professors from other departments. The assessment record of faculty members and also lab records are verified by the auditing team.

2. External Academic Audit. The main objective of External Academic audit is to improve the teaching learning process of individual departments. Each department identified an external academic auditor, who will be a professor, HOD of concerned department. This external auditor visits the department to verify the teaching learning processes such as Course materials, Syllabuses, assessment records, Answer scripts of centralized internal tests,result analysis, graduation results of previous year etc. He / She has provided valuable suggestions for improvements.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://sites.google.com/view/klnce-swayam-nptel/2022-2023

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.klnce.edu/download/Annual_report2023.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	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

1. Prevention of Sexual Harassment Cell (POSH) Cell

This cell has come into effect from 14.11.2015.

The Role of the cell:

- **Prevents discrimination and sexual harassment against women, by promoting gender equity among students and employees**
- **Ensures support services to the victimized and termination of harassment and fortify appropriate action is taken against the offender.**
- **Ensures victims and witnesses are not victimized / discriminated because of their complaint and establish the institution as Zero Harassment Zone.**

2. Women Empowerment Cell (WEC)

This cell has come into effect from 15.07.2017.

Objectives:

- **Organizes seminars, workshops to shape women both in professional and personal life**
- **Creates awareness on the importance of women's healthy and hygienic life style**

Activities Conducted for Academic year 2022-23:

1. WEC has organized "International Women's day 2K23' on 08.03.2023 for 30 faculty members and 85 Girl Students.

2. WEC has organized an Awareness program on "How to become better version of yourself"on 23.02.23 for 10 faculty members and 33 Girl Students.

3.WEC has organized Short flim contest on "Vizhithiru Vizhithelu" on 07-12-2022 for 84 Students.

4.WEC has organized Logo creation contest in the theme of 'women empowerment forum' on 11.05.2023 for UG and PG students.

5.POSH cell has organized Mime Show on "How to overcome Gender discrimination in Society" on 08.12.22 for 56 Students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.klnce.edu/General/WECell.aspx

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	**C. Any 2 of the above**

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[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 a maximum of 200 words)

1. Solid Waste Management

A bio-gas based turbine generator set is installed nearer to the Men's hostel. The food wastages from the hostel and canteen

are used as the input to the bio gas plant. This AICTE funded project is ongoing. During the initial period, cow dung is used inside the bio gas plant to initiate the production of bio gas from the plant. Once the plant starts functioning, the food wastages are dumped into the bio gas plant. The gas produced is usually used for cooking purpose. It is planned to utilize this bio gas to generate electricity. The turbine generator is connected to fan and tube light in the Men's hostel. The bio gas produced from the plant is stored in the balloon and the pressurized gas is used to rotate the turbine which is coupled to 1kW synchronous generator.

2. Liquid Waste Management

Waste water recyclingplant is located nearer to the Ladies Hostel. Here drainage water is filtered and recycled by various water treatment processes which is used for watering the plants in gardens.

3. Mineral Water Treatment Plant

This mineral water plant is located in men's hostel ground floor.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

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
Geotagged photographs / videos of the facilities	View File
Any other relevant information	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
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment 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**	**C. Any 2 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	[View File](#)
Certification by the auditing agency	[View File](#)
Certificates of the awards received	**No File Uploaded**
Any other relevant information	[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.	**C. Any 2 of the above**

File Description	Documents
Geotagged photographs / videos of facilities	[View File](#)
Policy documents and brochures on the support to be provided	**No File Uploaded**
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	[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).

NSS unit of KLNCE organized power point presentation competition in association with Palkar Engineers Forum on 17.10.22 for 48 students. NSS unit organized Awareness Program on Health Management & Drug Abuse on 09.11.22 for 400 First

Year UG students.NSS unit organized Blood Donation Camp in association with GH-Sivagangai on 15.11.22 For 100 students.NSS unit organized final round for power point presentation competition at Sourashtra Arts & Science College in association with Palkar Engineers Forum on 18.11.22 for 12 Students. NSS unit of KLNCE organized Two Days Eye camp in association with Vasan Eye Care, Madurai on 13.12.22 & 16.12.22For 400 First Year UG students & 20 Staffs with Vasan Eye Care Madurai. NSS unit of KLNCE organized Awareness Program on Prevention of Kidney Disease on 28.12.22 for 150 First year UG Students. NSS unit organized Tree Plantation in association with Lions Club-Madurai on 31.01.23 for 20 Plant Saplings. 25 students from Rotract club are participated as volunteers in General Medical Camp for Physically Challenged people on 25.09.22. To develop the harmony among the students cultural competition has been conducted in the name of "CLAFIESTA2K21" on 12.05.23 respectively for II, III, IV year UG students and PG students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

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

Human Values and Professional Ethics

1. Rotract Club of KLNCE 25 students are Participated Walkathon for create awareness about organ donation with Rotary Club of Madurai on 15.10.22

Resource persons: Rotarians-Rotary Club of Madurai.

2. NSS unit of KLNCE organized Yoga for Humanity (Phase-III) on 27.12.22For 400 First Year UG students & 20 Staff members.

Resource persons: Mr.John, Ms. Malarvizhi, Mr. Selvakumar- ISHA Yoga, Madurai.

3. NSS unit of KLNCE organized Yoga Program – Practices for Healthy Life on 08.11.22 for 400 First Year UG students.

Resource persons: Mr.Selva Kumar & Mr.M.Sriram-ISHA Yoga,

Madurai. (Phase-II)

4. NSS unit of KLNCE organized Orientation Program on NSS Regular Activities & Special Camp on 28.12.22 for 200 First Year UG Students.

5. NSS unit of KLNCE organized Awareness Program on Anti-ragging & its consequences on 01.12.22 For 400 First Year UG students & 25 Staffs

Resource persons: Mr.M.Santhanabose, Sub-Inspector of Police, Keerathurai Station- Madurai.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 the Code of Conduct are organized	B. Any 3 of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Every year in our college we celebrate "Republic day" on 26th January 2023 with all Staff members and Students in our college ground. Our Secretary Dr.K.N.K.Ganesh, B.E.,Ph.D (Hons) hoist our National Flag and some of our students give patriotic speech on our Freedom Fighters and also we are conducting quiz for the students. The prizes are distributed for both speech and quiz by our management members. The National science day was organized by Industry Institute Partnership Cell(IIPC) combined with mathematics department on 28.02.2023.from our college the Engineer's day was celebrated with various technical events in the name of "Techroll" on 27.09.2022. Dr. A.P.J Abdul Kalam's birthday was celebrated by our college with quiz competition on 20.10.2022. Department of Mathematics every year celebrating our Founder President's birth anniversary which falls on 1st January, in a grand manner under Corporate Social Responsibility theme. As a part of it, the Online quiz contest was conducted to the plus two students of various schools in Madurai District. The Program was headed by Dr.J.K.Subashini.,Prof & HOD, (Convener). The department of mechanical engineering was celebrated "Ambedkar Jeyanthi" with guest lecture on "Father of Indian Constitution" on 17.04.2023. The women empowerment cell organized "international women's day 2023" with various events on 18.03.2023.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

BEST PRACTICE – 1

Title of the Practice:KLNCE-Honeywell Technology Solutions (HTS) Remote Project Mentorship

Practice:

For this program, Every year15 students were scrutinized by KLNCE and HTS experts from department of IT, CSE & ECE .These students are given problem statements in the areas are latest cutting edge technologies like Natural Language Processing, Data Work Flow, Chat Bot using Machine Language & Image Processing. All the problem statements are real time projects from HTS, these projects enable the student to get exposed into the industry related use.

BEST PRACTICE – 2

Title of the Practice: Research Promotion Through QCARD (Quality Circle- Advanced

Practice:

The convener of QC-ARD convenes frequent meetings among members to convey research oriented activities such as project proposals, quality publications and workshops. QC-ARD as a Research forum motivates domain experts within the college to deliver their area of focus among faculty members which may be an initiative for multidisciplinary projects. The practice of submitting proposals in a prescribed format and completion report is cultivated among faculty members. Patent filing of

innovative ideas are also educated to all.

File Description	Documents
Best practices in the Institutional website	https://www.klnce.edu/General/HTSLab.aspx
Any other relevant information	https://www.klnce.edu/QualityCircle/QCARD.aspx

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)

INDUSTRY INSTITUTE PARTNERSHIP CELL (IIPC)

IIPC ACTIVITIES FOR ACADEMIC YEAR 2022-23

There are 31 industrial experts are invited to deliver their expertise as an expert talk on various engineering related topics for the benefits of students. 11 Industrial visits have been arranged to improve the industrial knowledge to the students. Internship opportunities have been grabbed by 60 final year students in this academic year. IIPC organized 36 competency development program and 3 personality development program ms to improve the interpersonal skills of the students. Also 156 final year student got industrial training. Also 43 faculty members got trained in various industries to update their current trends. There are 11 technical festivals had been arranged to enhance the technical knowledge of staff and students.55 students done their final year projects at various industries. One project has been done by the students through industry. Two project proposals submitted to funding agencies. IIPC signed 5MOUs with industries.120 consultancy work done with industry also 4 patent where registered. IIPC arranged to established 4 industries in our college.3 awards received from industries.

File Description	Documents
Appropriate link in the institutional website	https://www.klnce.edu/IIPC/IDCA/IDCAMasterSummary.aspx
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- **To facilitate continuous upgradation and updation of Knowledge & Use of Technology for both Faculty and Students.**
- **To create Additional Lecture Rooms by optimally utilizing the available space.**
- **To Introduce Job-oriented and Skill based courses.**
- **An effort to collaborate initiatives of Industry-Academia and Alumni for development of students.**
- **The institution plans to focus more on research and Development in the next Academic year by increasing the publications of faculty and also motivating student's community to write research papers.**
- **Planning to introduce series of programs like short term courses, workshops and certification courses to improve technical skill set.**
- **Encouraging students to participate in various events to ensure holistic development of personality**
- **Enhancing soft skills and Programming Skills Conducting Annual Technical Symposium and conferences through variousclubs.**
- **Organizing various sports and Cultural Events Adopting nearby village to address societal issues by involving our students**