



K.L.N. COLLEGE OF ENGINEERING



An Autonomous Institution

Pottapalayam – 630 612,

Sivagangai District

Estd. : 1994



**29th COLLEGE ANNUAL DAY
(12.05.2023 - Friday – 10 A.M.)**

**ANNUAL REPORT
2022 - 2023**

QUALITY POLICY

Our college is committed to provide Quality Engineering, Technology, and Management Education by ensuring global standard and resources through continual quality management system for the development of students.

VISION

To become a Centre of Excellence in Technical Education and Research in producing competent and ethical professionals to the society.

MISSION

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.

K.L.N. COLLEGE OF ENGINEERING

Pottapalayam – 630 612, Sivagangai District

29th COLLEGE ANNUAL DAY ANNUAL REPORT

Respected Chief Guest **Shri. S. Nagarajan**, Deputy General Manager- HR, Delphi TVS Technologies Ltd., Chennai. Respected President of our College Council **Er. K.N.K.Karthik**, Respected Secretary and Correspondent **Dr. K.N.K. Ganesh**, Respected Treasurer **Shri K.S.D. Sivaprasad**, Respected Vice President **Dr. K.B.Radhakrishnan**, Respected Joint Secretary **Shri. K.V.Balaji**, Respected Executive Committee members, Respected Council members, Respected Donors, HODs, teaching and non-teaching staff, beloved Parents, People from Press and Media and My dear students,

Good Morning to you all

With much pleasure and enthusiasm I share this forum for presenting a brief Annual Report about the salient activities of our College for the Academic year 2022-2023.

Historically speaking, this College was founded by the great philanthropist Amaram Shri. K.L.N. Krishnan as Founder President of K.L.N. Sourashtra College of Engineering Council in the year 1994; and has been well-nurtured since then by the subsequent office-bearers of the executive committee. This year happens to be the 29th year of academic excellence with a core objective of providing quality education in technical arena. Right from the beginning in all these years KLN College of Engineering has been focusing on promoting backward region towards the target of potential development and bringing forward the entire society to the exposure of Technical education. The Executive Committee is ever mentoring and monitoring the activities of the college and making collective efforts in maintaining the reputation as one of the Premier Technical Institutions.

1. COLLEGE CAMPUS AND FACILITIES

1.1 Infrastructure

The campus is spread over 53.8 Acres with built-up area to an extent of 50,247 sq.m. costing Rs.32.50 crore. Our management council is very liberal and qualitative in providing mandatory infrastructures with sustainable learning environment. As such, the institution has the essential facilities for Administrative Office, Class Rooms, Laboratories, Workshops, Computer Centre, Library, Seminar / Conference Halls, Hostels, Canteens, etc., Further, the infrastructure includes Machineries, Equipments, Furniture, Fittings, other accessories for the Workshops and Laboratories to the tune of 40.67 Crore.

1.2 Hostels

Separate hostels for men students and women students with comfortable living atmospheres mess facilities and Gymnasium are provided separately. During this year, 116 boys and 80 girls are residing in the Hostels.

1.3 Sports Facilities

For the promotion of sports among the students, a vast play ground with an extent of 5.0 Acre has been allocated for sports and games. Further, there is a well equipped gymnasium for the benefit of students. An indoor stadium cum auditorium of 2,630 Sq.m. area with all facilities is available for indoor games and gym.

1.4 Computer Centre

We have a technically viable and well equipped Computer Centre with more than 150 computers. In addition, computer Labs are provided with the state-of-art operating systems and software packages. In all, there are **1,569** Computer systems in our college which are duly networked by Optical Fibre Cable. Internet facility with 200 Mbps capacity 24 hrs x 7 days a week is available.

2. COLLEGE AUTOMATION SERVICE

We have a full-fledged **College Automation** facility, supervised by the technical team of Information Support System Group (ISSG). This service takes care of entire data automation related to College Administration with 25 HP systems and one IBM Blade server. Student academic records, staff records, library transactions

and entire office work are automated. Both Face detection and Biometric attendance are used for staff. The College website is re-designed, updated periodically and maintained successfully by our staff; and this web site is running through our web server. Students, Staff and Parents can access various data like Internal Marks, Attendance. In addition, important details such as Departmental activities, posting of circulars, placement interviews are displayed through college website. The Automation facility is quite useful in sending information through SMS to parents, staff and student within a short time. A major hallmark of this automation is converting the conventional mode of information sharing to digital mode and reducing the paper work as well.

3. LIBRARY (Engineering &MBA/MCA)

An integral part of the academic curriculum is the library. The UG Library is stocked with 53,050 books. The PG block has a separate library with 18,656 books. Subscription is periodically continued for e-journals IEEE, JGate for the year 2022-2023. Delnet-service is also available to access very special books from select libraries all over India. Radio Frequency Identification (RFID) System has been introduced for the Library Security System – first of its kind in nearby engineering Colleges.

4. COURSES OFFERED:

The College is approved by the All India Council for Technical Education, New Delhi and is affiliated to Anna University, Chennai. This college is awarded ISO 9001:2015 certification.

The Department of Mechanical Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering are recognized as Ph.D. Research centres by Anna University, Chennai. The following are the courses now offered:

4.1 Four Year Under-Graduate Courses

Bachelor of Engineering		Intake
1. Mechanical Engineering	-	60
2. Electrical and Electronics Engineering	-	60
3. Electronics and Communication Engineering	-	120
4. Computer Science and Engineering	-	120
5. B.E. CSE (Cyber Security)	-	30*

*to get additional 30 in the coming academic year

Bachelor of Technology

6. B.Tech. Information Technology	-	90
7. B.Tech. AIDS	-	60

4.2 Post-Graduate Courses **Intake**

1. Master of Engineering in Communication Systems	-	9
2. Master of Engineering in Power Systems Engineering	-	12
3. Master of Engineering in Computer Science and Engg. (With specialisation in Networks)	-	9
4. Master of Business Administration (M.B.A.)	-	60
5. Master of Computer Applications (M.C.A.)	-	60

Further, Anna University Chennai is offering MBA under Distance Learning mode to conduct classes during week end and it is a boon to serving Professional to qualify further.

5. STUDENTS STRENGTH

We have a sanctioned intake of 540 students in UG stream with the spread of B.E. / B.Tech. Courses. Under PG stream, M.B.A has an intake of 60 while MCA has an intake of 60. The intake in M.E programs is split as 12 students in M.E. Power Systems and 9 students each in M.E Comm. Systems and M.E. Computer Science and Engineering (with Specialization in Networks)programmes. Thus, total sanctioned strength in this institution is 690.

At present there are 2065 Full-Time students on roll of which 700 are Girls (33.89%) and 1365 are Boys (66.10%) in UG & PG courses put together.

6. STAFF:

The College is headed by Dr.A.V.Ram Prasad as Principal and he is ably supported by experience Heads of Departments, qualified Faculties and highly skilled other staff members. As of now, there are 160 teaching staff and 165 non-teaching staff coming under administrative stream.

7. Major Achievements

7.1 Autonomous Status

KLN College of Engineering had achieved yet another milestone in its long history of academic excellence by obtaining Autonomous Status in 2019 for continuous ten years in its first venture. This shows the meritorious recognition by University Grants Commission and Anna University. The autonomous status has enabled the institution to upgrade academic quality by framing appropriate regulations and syllabi for the stakeholders such as students and corporate sectors. In order to facilitate students with updated technical knowledge curricula & syllabi are being refined and revised. During July – August 2022 all the departments conducted 4th Board of Studies meetings.

7.2 Extension of NAAC Accreditation status

As recognition for infusing quality education, our college has been Accredited with B++ grade by National Assessment and Accreditation Committee (NAAC) for five years w.e.f. 30th November 2018 up to November 2023. In this regard I am proud to mention that KLN College of Engineering became the first institution in the South Tamilnadu to be accorded under online assessment. As of now the accreditation has been extended upto 2025.

7.3 NBA – Re-Accreditation Status

Five departments namely, Mechanical Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering, B.Tech. Information Technology had been Re-Accredited for 3 years from 01.07.2019 to 30.06.2022. Of these departments, except Electrical and

Electrical Engineering, other departments are expecting the extension after official visit by the NBA very soon.

7.4 Establishment of new Engineering course

A new course B.E. Computer Science Engineering (Cyber Security) was introduced during the academic year 2022-23 with an initial intake of 30, which will be upgraded to 60 in the coming academic year. B.Tech. Artificial Intelligence and Data Science, shortly called as B.Tech.(A.I.&D.S) which was offered during the Academic year 2021-2022 with an initial intake of 30 has been upgraded with an intake of 60 during the academic year 2022-23.. I am happy to share with you that both these courses got 100% admission during the respective academic years.

7.5 NAAN MUDHALVAN State Level Scheme

The academic year 2022-23 happened to be a potential year for our institution with the Government of Tamilnadu's recognition as the Nodal Centre for its state-wide program called NAAN MUDHALVAN. Under this scheme, engineering students are exposed to the learning platforms of various skills and liberalized means of availing campus placement. As a mark of this recognition, a grand placement drive was conducted in our institution recently, on 08th May 2023. In addition, our faculty members played a key role as resource persons for Faculty Development Programs conducted under NAAN MUDHALVAN scheme.

7.6 Establishment of Co-Curricular Clubs

In accordance with the vision and objectives of our energetic Executive Committee, timely efforts are being taken to inculcate relevant technical skills for our students. As a result, 11 Co-Curricular clubs, which had been established in the year 2022 – 2023 for the benefit of students, are providing all out efforts in transforming the students as employable engineers and technologists. At this juncture, I thank our management for extending utmost guidance and support.

S.NO	CLUB	DEPARTMENT
1	Hackathon/Learnathon	IT
2	Microsoft campus club	CSE
3	Google student club	CSE
4	Electronics Innovation club	ECE

5	IoT club	IT
6	Robotics club	MECH
7	Automation club	EIE
8	Student quality club	AUE
9	Web design/coding club	MCA
10	Life science club	Mathematics
11	Power quality and energy audit club	EEE

7.7 Appreciation from MHRD SWAYAM NPTEL

KLNCE has been awarded “A” rating by MHRD Swayam NPTEL as our college had come under top 100 active local chapters. So far, 23 faculty members have become mentors and the institution has received 3 NPTEL Star certifications. Also, under Students Spoken Tutorial scheme, more than 1000 students have got benefitted from IIT Spoken Tutorial Bombay project. (*Annexure: 1*)

8. AUTONOMOUS EXAMINATION RESULTS

I would like to showcase the performance of the students in the end-semester Autonomous examinations.

APR. / MAY 2022 EXAMINATIONS – RESULT ANALYSIS (UG)

Program	No. of Students Registered	No. of Students Passed	Pass Percentage
B.E. (Mech. Engg.)	270	185	68.52
B.E. (EEE)	212	168	79.25
B.E. (ECE)	329	287	87.23
B.E. (CSE)	446	372	83.41
B.TECH (IT)	302	265	87.75
B.E. (AuE)	19	14	73.68
B.E. (EIE)	38	35	92.11
B.TECH (AI&DS)	29	27	93.10
Overall Pass Percentage (UG)		82.25	

APR. / MAY 2022 EXAMINATIONS –RESULT ANALYSIS (PG)

Program	No. of Students Registered	No. of Students Passed	Pass Percentage
M.B.A.	82	69	84.15
M.C.A.	113	109	96.46
M.E. (Power Systems Engg.)	3	3	100
M.E. (Communication Systems)	4	4	100
M.E. (CSE with Specialization in Networks)	6	6	100
Ph.D (Faculty in EE / ICE / S&H)	9	9	100
Overall Pass Percentage (PG)		91.83 %	

APR. / MAY 2022 EXAMINATIONS – 2019-2023 BATCH (FAST TRACK COURSE)

As per AU Regulations 2017 – Clause No. 4.9 students without any arrears and CGPA of 7.50 and above are eligible. The students shall undergo the eighth semester courses in the sixth and seventh semesters. Under this scheme students from UG departments appeared fast track courses. Following list of examination results.

Program	Course Code / Title	No. of Students Registered	No. of Students Passed	Pass Percentage
B.E. (Mech. Engg.)	MG8591 / Principles of Management	60	60	100
B.E. (EEE)	EE8015 / Electric Energy Generation, Utilization and Conservation	40	40	100
B.E. (ECE)	EC8093 / Digital Image Processing	71	71	100
B.Tech (IT)	IT8005 / Electronic Commerce	21	21	100

B.E. (EIE)	EI8079 / Robotics and Automation	21	21	100
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Result Analysis - Credit Transfer (Online Course) Apr. / May 2022 Examinations

As per AU Regulations 2017 – Clause No. 4.8 / and KLNCE Regulations 2020 – Clause No. 4.9

Students are permitted to credit only one online course of 3 credits with the approval of the Head of the Institution and Centre for Academic Courses.

Program	Batch	Regulations	No. of Students obtain certification and approved for End Semester Examination	No. of Students cleared
B.E. (ECE)	2018 - 2022	AUC R2017	6	6
B.E. (MECH)	2019 - 2023		1	1
B.E. (EEE)			2	2
B.E. (ECE)			6	6
B.TECH (IT)			3	3
B.E. (ECE)	2020 - 2024	KLNCE R2020	1	1
B.TECH (IT)			1	1

9. PLACEMENT

In order to train and make the students employable, Psychometric Tests, Training Programmes, Company Specific Training Programmes, Mock interview & Group Discussions and Expert Talks were conducted at scheduled periods for second, third and final year students. Some of the Events Organized for Placement assistance by the Training & Placement Cell include AMCAT examinations, CODEVITA, ENGINX Contest. As on date, 103 placement offers have been got for our students which include software companies, core companies and IETS with a median salary of

Rs3 lakh/year to the maximum salary of Rs8.34 lakhs / year. Further, placement cell takes up activities related to exposure of higher studies / abroad education, entrepreneurship and industrial collaboration. For this purpose, our placement officers visit reputed industries for sharing knowledge to disseminate among our students. Major online conferences are arranged with technical and HR experts for the benefit of students. More important, placement cell imbibes character building exercises among students to ensure their organizational behaviour. (Annexure: 2)

9.1 List of Major Recruiters

TCS, CTS, INFOSYS, WIPRO, CAPGEMINI, ATOS- SYNTEL, HCL, ACCENTURE, ZOHO, KAAR TECHNOLOGY, EmbedUR, VIRTUSA, MINDTREE, CADENCE, DATA PATTERN, JASMIN INFOTECH, DELPHI TVS, TVS AXLE INDIA, ASHOK LEYLAND, ELECTION, ACTIVE POWER ENGG

9.2 Placement Details for the Academic year 2022 – 2023 as on date there are 162 placement offers have been made to our students and more companies are expected.

S.No.	Department (UG)	Total No. of Students On Roll	Total No. of Eligible Students	No. of Students Offered Placement
1	Mechanical Engineering	66	60	43
2	Electrical & Electronics Engg	45	40	29
3	Electronics & Communication Engg	75	70	38
4	Computer Science & Engg	103	94	45
5	Information Technology	72	64	39
6	Automobile Engineering	09	06	02
7	Electronics & Instrumentation Engg	22	22	09
	Total	393	356	205
	Department (PG)			
8	Master of Business Administration	57	42	40
9	Master of Computer Applications	60	52	14

10. CAREER ADVANCEMENT SCHEME:

During this academic year, our Management has generously continued to depute faculty members for doing full time and part-time. 15 teaching staff from various departments are undergoing research course leading to Ph.D.

10.1 Recognized Supervisors:

Our institution has been identified as a strong base for taking up research activities under academic stream. The following list of Research Supervisors recognised by Anna University Chennai reveals the volumes of research potential.

S.No	Supervisor Name	Designation	Department
1	Dr. A.V.Ramprasad	Principal	ECE
2	Dr. P.Udhayakumar	Professor	Mechanical
3	Dr. M.R.Thansekhar	Professor	Mechanical
4	Dr. V.Sivaramkumar	Associate Professor	Mechanical
5	Dr. C.Anbumeenakshi	Associate Professor	Mechanical
6	Dr. S.M.Kannan	Professor	EEE
7	Dr. K.Gnanambal	Professor	EEE
8	Dr. S.Parthasarathy	Professor	EEE
9	Dr. Venkatanarayanan	Professor	EEE
10	Dr. P.Loganthurai	Professor	EEE
11	Dr. S.Venkateshan	Professor	EEE
12	Dr. V.Kejalakshmi	Professor	ECE
13	Dr. N.Janakiraman	Professor	ECE
14	Dr. S.Bhuvaneshwari	Associate Professor	ECE
15	Dr. S.Miruna Joe Amali	Professor	ECE
16	Dr. R.Lakshmi	Associate Professor	CSE
17	Dr. P.Ganeshkumar	Professor	IT
18	Dr. A.Umarani	Professor	EIE

19	Dr. R.M.Satheesh Kumar	Professor	AUE
20	Dr. J.Rajesh Babu	Associate Professor	AUE

11. CONSULTANCY WORKS:

Our Faculty members share their enriched technical knowledge to provide consultancies for various industrial sectors. In this regard, our institution has set up necessary laboratory equipments and simultaneously our faculty are making frequent visits to the premises of industries for offering consultancy.

Dr.P.Udhyakumar, HoD Mechanical Engineering and Dr.A.Hemalatha, ASP, Mechanical Engineering have been granted with Rs.5.04.000 worth project by Hi-Tech Arai Limited, Madurai. The project is related to verification of Assets and value the current status of the assets.

Dr. S. Parthasarathy, Prof / EEE, is doing Industrial Harmonic Audit in various industries and visited 75 industries so far, in the State and National level. He has visited Israel for extending the above activity at the International level.

Dr. S. Venkatanarayanan, Prof/ EEE is doing Energy Audit in various industries at national level and has conducted Energy audit and seminars in the states, Andhra Pradesh, Kerala, Karnataka and Madhya Pradesh. He is the empanelled faculty for Energy Audit activities for Petroleum Conservation Research Association (PCRA) for Institution and industries.

Department of Master of Business Administration has been conducting training for postal department frontline officials for more than 15 years.

12. IIPC (Industry Institute Partnership Cell) Activities:

QC-IR- IIPC progressively plays a major role in the development of our college in various aspects. K.L.N. College of Engineering has constituted Industry Institute Partnership Cell (IIPC), under the sponsorship from All India Council for Technical Education (AICTE), New Delhi. Since its inception in 2013, the IIPC has been undertaking various technical activities in all spheres of engineering and technology. As its core task, IIPC involves in conducting industrial consultancy, industrial audit for more than 250 industrial clients containing various sectors. The task chiefly includes applications in the field of Power Quality Audit, Energy Audit,

IoT and industrial Automation. Every year, students are thrust upon the industrial exposure and hands on experience are given through our IIPC cell.

New Quality Circle- Industrial Relations (QC-IR) was constituted during 2021-2022 to govern all industrial related activities. This academic year 2022-2023, 15 leading industrial experts from various industries came to our college for technical talk by which 1045 students and 213 faculty members got benefitted. 7 Industrial visits organized through IIPC through which more than 325 students got industrial exposure. Till now 10 technical festivals had been successfully conducted sponsored by IIPC. 20 competency development programs and personality development program had been organized through which 3640 students and 165 faculties were benefitted. Students had undergone 14 In-plant training sessions in various industries for their academic proficiency. Many students went for internships for industrial hands on experience. In addition to this there are various ongoing research projects funded by Government agencies like, AICTE, DST, TNSCST etc.

Institution's Innovation Council (IIC), which was formed under the monitoring of Ministry of Education, Government of India, has been taking out various activities for the benefit of students. This cell has arranged guest lectures, industrial visits and technical seminars for the benefit of both the students and staff.

As an iconic technical institution, our college has been conducting National Science Day (28th February) every year to commemorate the remarkable contributions of Sir.C.V.Raman. This event is a joint venture by IIPC and KLNCESHA, which is an exclusive association for our first year students. In connection with this, a Mega Project Expo was conducted by our first Year Students and winners were honored. Also every year "Best In-Plant trainee endowment" is awarded to students through our IIPC. **"Laser based Hydraulic Controlled Variable Length land Leveler cum plough Device with Remote Monitoring system"** is a DST (Department of Science & Technology) sponsored project worth Rs85.35 lakhs. This project is carried out by **Dr. S. Parthasarathy, Prof/EEE in association with** Prof. S Nallathambi and Dr D Pradeep Kannan. During the last

week of April this year this team presented the project at Presidency University, Bengaluru for staking the merit of the project.

12.1 KLN-INNOVATION & RESEARCH PARK (KLN-IRP)

Under the guidance of college executive committee, a new research initiative was mooted under KLN Innovation and Research Park (KLN IRP). This wing is formulated to frame innovative ideas, execute research activities and yield technical achievements. This technical arena will enfold all the research activities related to KLNETS, IIPC, QC-IR(Industrial Relations), QCARD, IPC, IPR Cell, EDC, IIC, Incubation Centre (Students), Product Development Centre, (PDC), Design Thinking Laboratory, Centre of Excellence (CoE)- Industry, Entrepreneurial Park (SME).

KLN-IRP (KLN-Innovation & Research Park) inaugurated on 10th March 2023, which is run by our institution and it provides a resilient footpath between the industry and the institute through its innovation, research and consultancy activities. KLN-IRP is a common research forum for the KLN group of institutions.

KLN-IRP is spread over an area of 10,000 sq.ft exclusively towards the promotion of research through its associated laboratories, such as the design thinking lab, a software development lab, a product development lab and 3D printing technology Lab.

KLN-IPR flow of operation likes - Project identification based on industry relevance or societal importance – Project design & development – Project Testing & validation – Patent registration – Technology Transfer – Product Commercialization –Mapping with Technology Readiness Level (TRL).

The innovative products are designed and developed by a team of students and faculty with the technical inputs received from industry partners.

An exclusive area of 50,000 sq.ft has been earmarked for incubates, start-up's and entrepreneur's by KLN-IRP.

KLN-IRP invites incubates to put their stepping stone with excellent technology support by various industries and academicians.

KLN-IRP provides a worthy eco system and space to entrepreneur's to start their start-up's.

I am delighted to share with you all, three companies are established inside our KLN.IRP towards to promote their research, training like M/S Jayashree Spun Bond Pvt Ltd, Vaayusastra Aero Space Pvt Ltd (IIT Research Park), Leaf HR Services and more start-up's are industries are in pipeline, through those companies our KLNCE students get benefited in-terms of Internships and placement.

13. Innovation Promotion Cell (IPC) is an active forum which promotes innovative ideas from students during their study. The objective of this cell is to enhance the technical skills among students to face industrial needs. During the year 2022-23 various activities were carried out by this cell. (*Annexure : 3*)

14. QC-ARD - With a view of promoting research activities among staff and students, the Quality circle under Advanced Research and Development makes strong efforts. During the academic year, nearly 50 research proposals have been made to funding agencies; almost 65 research articles have been published in reputed journals, and 15 Faculty Development Programs were conducted on several research topics.

15. MOUs SIGNED WITH INDUSTRIES

Our college has entered into an MoU with Director, Riyassa Laboratory, India, for the sake of Partnership for Credit Transfer, Reciprocal Arrangement Training and research at all level of studies. This MoU was formed by Dr.P.Udhayakumar, HoD, Mechanical with Dr.Arumuga Perumal, Director of the said laboratory. Quite recently MBA department has made an MoU with ZOHO.

EEE department has signed a Memorandum of Understanding under Texas Instruments MSP 430 based MCU Teaching with corresponding lab infrastructures. This lab set up enables conducting value added courses for II, III & IV students. B.Tech (IT) department has signed MoU with KLNCE and Info top, China and Honeywell Technology Solutions for higher level knowledge sharing. Electronics and

Communication department has made an MoU with Pentaxial technologies for exchange of technical resources.

16. PROFESSIONAL SOCIETIES

Almost all the engineering departments are registered with IEEE and have got IEEE students chapter. This chapter is governed by branch counsellor and student advisor from each department.

17. STUDENTS' TECHNICAL ASSOCIATIONS

For the benefit of students, each department has its own association which involves in conducting symposia, seminars, technical events, mini projects, paper presentations and project expos. Experts from relevant fields are invited as resource persons. Teachers and students from other institutions participate in large numbers and get benefitted. The first year students have K.L.N.C.E Science and Humanities Association (**KLNCESHA**). This association conducts various activities like Guest lectures, workshops, quiz contest and seminars for the enhancement / development of communication skills; and dissemination of knowledge. This year, as a part of National Science Day celebrations, mini project exhibition was conducted among first year students. Also, to inculcate more curricular skills among first year students, regular classes under Extra Curricular Activities (ECA) were conducted along with academic stream. This move covered club activities, sports, and Co-Curricular activities.

18. NATIONAL SERVICE SCHEME (NSS)

The National Service Scheme (NSS) started functioning in the college from academic year 1997-1998. There are 200 Student Members under NSS which conducts various activities like Career Guidance Program, Eye and Dental Camp, Tree Plantation, Blood Donation, etc. Seven Days camp in rural village is a major NSS activity taken up every year for the benefit of village people. NSS unit has conducted number of activities during the academic year 2022-23. (*Annexure : 4*)

19. Women Empowerment Cell (WEC)

Women Empowerment Cell (WEC) functions to empower the rights of women faculty members , staff and students of the college. The cell is headed by our Principal Dr.A.V.Ramprasad as chief patron, Dr. S. Ilangovan,ASP/IT as Advisor, Dr.A.Umarani, Prof/EIE and Dr.B.Buvaneswari,ASP /ECE as Convenors. The cell makes active functioning by conducting guest lectures, seminars, awareness programmes, workshops and other welfare activities.

20.Prevention of Sexual Harassment (POSH) Cell

As per the guidelines of UGC and the recommendation of the Anna University, a Committee against sexual harassment/ (ICC) Internal Complaints Committee was established to provide a healthy and congenial atmosphere to the staff and students of the College. The cell is headed by our Principal Dr.A.V.Ramprasad as Advisor, Dr. A.Umarani, Prof/EIE, Mrs.N.Vishnudevi,AP/EIE and Dr. S. Ilangovan,ASP/IT as Convenors. This cell aims at preventing discrimination and sexual harassment against women and promotion of gender amity among students and employees.

21. Unnat Bharat Abhiyan Cell

The Unnat Bharat Abhiyan cell of our college is a recognition by the Government of India for promoting literacy and health awareness in neighbourhood areas of the institution. The project is duly carried out from the funds granted periodically. Villages near our institution named Pottapalayam and Mukkudi get benefitted out of this project.

22. Student Care Centre (SCC)

Student care Centre is functioning with an objective to provide a Supportive, Safe environment to the students of KLNCE and orient the students towards good attitudes and applying Universal Human Values in life. This forum is headed by Dr.R.M. Satheesh Kumar and is carrying out lot of activities during the academic year. Along with key concepts of social behaviour, this forum exposes student community to moral values of life and organizational behaviours.

23. Sports Events

KLNCE is ever on the verge of promoting sportsmanship among students. I am happy and proud to inform that, this year our students have done remarkable achievements, which have not been done earlier and brought laurels to our college. At the outset, I would like to thank Our Management and Our Principal for their over-whelming support and guidance for promoting the Sportsmanship among Our Students. Our institution is a centre for Anna University Zonal level competitions. During this academic year, many of our students brought laurels to the institution by way of winning Gold medals at various National level competitions and tournaments. (*Annexure :5*)

24. DONORS

We take this opportunity to thank all the patrons and donors who have been generous all along towards the growth of this Institution. Also the prizes and medals instituted by them give encouragement and serve as incentive to students in excelling their performance.

25. SUMMARY

I would like to summarize the entire events of the academic year 2022-23 in a nutshell.

1. Quality Education

- The academic history from the day of inception carries the hallmark of college 516 University Ranks, including 16 Gold medals.
- Our institution has been accorded with “A” rating by MHRD Swayam NPTEL
- Staff are facilitated by an exclusive Staff Development Cell (SDC) for enhancing their teaching skills.
- In tune with the current trend, our institution focuses on Outcome Based Education and in, turn, has constituted the Continuing Education Cell (CEC). Staff are given relevant exposure through this forum so as to train themselves on the content beyond syllabus and industry based learning.

- In order to meet the hi-tech infrastructure, every lecture hall and laboratory is equipped with LCD projectors and other digital learning facilities.
- College is ably handled by experienced and highly qualified staff. Staff – student ratio is 1:12 which is highly appreciable than the mandate stipulated by AICTE and Anna University.

2. Successful Graduation:

- The outcome based education is proved by way of successful graduation every year. Both teaching and non-teaching staff are duly trained to update the concepts of outcome based education.
- Almost all the departments secured 99% graduation among UG Students and 98% of PG students in the academic year 2022 – 2023
- Our institution honours top ranking in students end semester autonomous examination ranks with Gold Medal and prizes, which are generously sponsored by college management and donors.
- BLOOM's TAXONOMY pattern is adopted in the Examination System for fusing the technical knowledge in serial process.

1. Potential Employability

- Training and Placement Cell is ably managed by Professor level faculty and also an Alumni of KLNCE.
- Our institution is accredited by TCS for DAY ONE Campus recruitment every year.
- IT, ITES and core companies have enrolled KLNCE in their top notch list of technical institutions and are visiting our campus to recruit our students in large numbers every year.
- MBA, MCA Students are provide with internships during the end of their courses period followed by placement offers.
- KLNCE has built and has been maintaining excellent Liaison with industries, in a bid to secure enormous training in technical, Soft Skills, Communication skills, Task oriented Online Placement & Mock training facilities.

- Our training and placement cell organizes Pre-employment training programme for students to enrich their employability skills and mould them as industry ready.
- Career Development Cell functions in a move to provide necessary counselling for higher studies.
- Through relentless and strenuous efforts of our college Training and Placement Cell, 281+ offers have been achieved so far during the current year (2022–2023).

4. Advanced R &D:

- Our management executive committee is very much keen on promoting research and development activities in KLNCE. As a result, Research and Development Unit has been mooted and it functions in an effective manner. This unit has a strong fold of faculty members who involve in Consultancy work in the areas of Harmonic Studies / Power Quality (EEE), Heat Transfer (Mech.), Industry Automation (CSE) and Internet of things (IT).
- Simultaneously, for the benefit of students, Non – Conventional Renewable Energy Club functions in developing the research outlook among them. Our management is highly generous in granting fund for these projects, in addition to sponsor conferences at National and International levels.
- With much proud, I would like to mention that KLNCE has 64 Teaching Faculties with Ph.D. qualification while 15 Teaching Faculties are pursuing Ph.D..
- KLNCE faculty (MBA) involve in providing Soft skill training to Govt. Officials.
- As a mark of elevating the research process, our institution has constituted IERIG Centre – Institution of Engineers Research Innovation Group Centre to develop innovative projects in association with IE (India).

27.CONCLUSION:

These activities definitely speak volume of KLCE's academic excellence and technical potentiality. I would like to dedicate these achievements to the Respected

President, Respected Secretary and Correspondent, and other office-bearers of our college executive committee. I have a strong conviction that only with their guidance, motivation and support these credentials are possible. I strongly believe that they extend that much noble gesture to transform this institution as one of the best in technical education field, and to move ahead global level. While expressing my sincere thanks to them, on this day, on behalf of all the staff and students, I assure utmost dedication and involvement in fulfilling their objective.

Next, I would like to thank the parents for their strong faith upon KLNCE by admitting their sons and daughters. Again, on behalf of our management and staff, I assure the parents that their wards will obtain a worthy education, successful graduation and employability.

My final thanks goes to all Head Of the Departments, teaching faculty, and Supporting, Administrative, Non-Teaching staff and other staff for their full co-operation in providing quality education to the students. I express my hearty thanks and wishes to students who are the brand ambassadors of this institution through their esteem academic standard, excellent discipline, and by being efficient employees in corporate sectors at national and global levels.

Thanks to one and all.