K.L.N. COLLEGE OF ENGINEERING

Pottapalayam - 630 611 (11 km from Madurai City), Sivangangai District, Tamilnadu, India.

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.
Approved Research Centres for MECH, EEE, ECE, MBA & MCA by Anna University
Approved as Nodal Centre for Quality Improvement by Anna University
Accredited by NBA, New Delhi for B.E. MECH, EEE, CSE, B.Tech - IT and MCA
An ISO 9001 : 2008 Certified Institution. - Soursashtra Linguistic Minority Institution

Ph: 0452 - 6562171 & 2, 0452 - 2090971 & 2.
Fax: 0452 - 2090070 E-mail: info@klnce.edu

Counselling Code No. 5904

Our College Motto
❖ Quality Education ❖ Successful Graduation
❖ Potential Employability ❖ Advanced R & D

PROSPECTUS
B.E. / B.TECH. DEGREE
(Four Year Full Time Programme)

Amarar Shri. K.L.N. Krishnan
Founder President (1918 - 2001)
Anna University Rank Holders 2013 Batch

THANGAMARI P
CSE 1st Rank - Gold Medal

S. Manimekalai
EEE 34th Rank

K.R. Sridevi
EEE 35th Rank

T. Saravananumar
EEE 40th Rank

K. Gokulkrishnan
EEE 43rd Rank

T.N. Saravanapriya
EEE 6th Rank

M. Karthigadevi
EEE 13th Rank

P. Mohanalatha
EEE 13th Rank

M. Deimila
EEE 22nd Rank

R.S.S. Sarathabapu
EEE 26th Rank

V. Chandraprasak
EEE 30th Rank

M. Divya
EEE 33rd Rank

M. Karthiga
EEE 5th Rank

M. Somashree
EEE 8th Rank

K.K. Dhananjeyan
EEE 5th Rank

M. Monisha
EEE 31st Rank

S.P. Priyanga
EEE 16th Rank

P. Subathra
EEE 12th Rank

T.D. Yogeshwari
ECE 29th Rank

S.R. Ablash
ECE 32nd Rank

T. Mahalakshmi
ECE 40th Rank

P. Gurulakshmi
ECE 43rd Rank

A. Nargisbanu
ECE 37th Rank

M. Aravindkumar
ECE 38th Rank

B.S. Architha
ECE 39th Rank

K. Lakshmi Priya
ECE 50th Rank

S. Abirami
CSE 3rd Rank

A.R. Monisha
CSE 10th Rank

K.S. Roorbi
CSE 13th Rank

S. Vishnupriya
CSE 13th Rank

K.P. Suprajita
CSE 19th Rank

T. Harinikiruba
CSE 24th Rank

R.S. Harshini
CSE 31st Rank

J.V. Monisha
CSE 31st Rank

M. Pradeepa
CSE 33rd Rank

A.M. Rubanchakkarwathy
CSE 37th Rank

M. Karthiga
CSE 45th Rank

N.S. Srinivathya
CSE 48th Rank

V.R. Rupasahithya
CSE 49th Rank

M.M. Dharini
CSE 50th Rank

K. Geethayazhini
IT 3rd Rank

S. Balaji
IT 5th Rank

P. Bharathi
IT 12th Rank

C. Swetha
IT 13th Rank

J. Manjula
IT 14th Rank

T.S. Ablinaya
IT 24th Rank

G. Preethi
IT 28th Rank

S. Aparna
IT 32nd Rank

T. Ishwarya
IT 34th Rank

S.H. Manjula
IT 43rd Rank

K. Jothilakshmi
IT 46th Rank

T.R. Manikandan
AuE 6th Rank

S.M. Meenal
EIE 3rd Rank

D. Bavya
EIE 5th Rank

P. Mythili
EIE 6th Rank

M.V. Vandhana
EIE 8th Rank

I. Anrfa
EIE 11th Rank

P. Aarthi
MBA 48th Rank

L.E. Rasika
MCA 3rd Rank

T.M. Aruna
MCA 9th Rank

L.C. Sudhan
MCA 10th Rank

P. Revathy
MCA 17th Rank

J. Pandipriya
MCA 17th Rank

M. Pradeep
M.E. CAD/CAM 9th Rank

J.V. Sahana
M.E. CSE 32nd Rank

S. Jeniba
M.E. CSE 48th Rank

O.G. Harini Vardhan
M.E. CSE 50th Rank
Anna University Rank Holders 2012 Batch
THE PRINCIPAL
K.L.N. COLLEGE OF ENGINEERING

College Address:
Madurai - Nedunkulam Road, (11 Km. from Madurai City)
Pottapalayam - 630 611 Phone: +91-452-2090184
College off: Ph.: +91-452-2090971, 2090972, 6562171, 6562172
Fax: +91-452-2090070
E-mail: info@klnc.edu Visit us: www.klnce.edu

Sponsored by:
K.L.N. SOURASHTRA COLLEGE OF ENGINEERING COUNCIL

City Office Address:
69, South Veli Street, Madurai - 625 001.
Ph.: +91-452-2335062, 2338545
Fax: +91-452-2330220
E-mail: cityoffice@klnc.edu

Our College Motto
- Quality Education
- Successful Graduation
- Potential Employability
- Advanced R & D
K.L.N. College of Engineering is the first Self Financing Co-Education Engineering College in Madurai. Started in 1994 by munificence of Philanthropist and well wishers in Sourashtra Community which is a Linguistic Minority in Tamilnadu. Shri K.L.N. Krishnan was the Founder President. This College has the approval of All India Council for Technical Education, New Delhi and is Affiliated to Anna University, Chennai.

K.L.N. SOURASHTRA COLLEGE OF ENGINEERING COUNCIL
(Regn. No. 221/92), Regd. Office : 69, South Veli Street, Madurai - 625 001.
Ph : 0452-2338545, 2335062 Fax : 2330220 e-mail : cityoffice@klnce.edu

THE COLLEGE


Er. K.N.K. Karthik, B.E.,
Dr. K.N.K. Ganesh, B.E., Ph.D.(Hons.),
Shri. S.R. Premkumar, B.E., (Hons.),
Shri. K.B. Radhakrishnan
Shri. G.R. Radhakrishnan
Shri. K.M. Ragunath
Smt. Amutha Ganesh
Shri. K.B. Mohan, L.C.E.,
Smt. S.P. Geetha Bharathi, M.A.,
Shri. T.K. Mothial, B.Sc., B.E.,
Shri. S.K. Jegannathan, B.A., B.L.,
Dr. Ramilla Sivanat, M.B.B.S., D.G.O., M.D.,
Shri. K.S.D. Siva Prasad, M.Tech.,
Dr. A.V. Ram Prasad, M.E., Ph.D., Principal

President
Secretary & Correspondent
Treasurer
Vice President
Joint Secretary
E.C. Member
E.C. Member
E.C. Member
E.C. Member
E.C. Member
E.C. Member
E.C. Member
Ex-Officio Member
COURSES OFFERED

Four year B.E. Degree Courses
1. Mechanical Engineering 120
2. Electrical & Electronics Engineering 120
3. Electronics & Communication Engineering 120
4. Computer Science & Engineering 120
5. Automobile Engineering 60
6. Electronics & Instrumentation Engineering 60

Post Graduate Degree Courses
1. Master of Business Administration (M.B.A.) Two Years course 60
2. Master of Computer Applications (M.C.A.) Three Years Course 120

Post Graduate Engineering Degree Courses
(Four Semesters)
1. M.E. CAD /CAM 18
2. M.E. Communication Systems 18
3. M.E. Power Systems Engineering 24
4. M.E. Computer Science and Engg. 24
5. M.E. Computer Science & Engg. (with specialisation in Networks) 18

Four Year B.Tech Degree Course
7. Information Technology 90

ELIGIBILITY FOR 1st YEAR B.E / B.Tech. ADMISSION (As per Norms of Govt. of Tamilnadu)
A pass in XII Std. of Tamilnadu HSC (Academic) with Maths, Physics and Chemistry (or)
A pass in XII Std. of Tamilnadu HSC (Vocational Stream) with Engineering / Technology. Vocational Subjects and
any one or two of the related subjects like Maths, Physics or Chemistry (or)
A pass in equivalent examination accepted by Universities in Tamilnadu for admission to B.E / B.Tech. degree course.

Eligibility for 2nd Year (Lateral Entry) B.E. / B.Tech. Admission (As per Norms of Govt. of Tamilnadu)
A Pass in Diploma examination in one of the courses like Mechanical, Electrical, Electronics, Computer Science,
Information Technology, Automobile Engg. & Electronics & Instrumentation Engg. (For Lateral Entry Students only)
(or)
A pass in B.Sc. of minimum 3 years duration with 10+2+3 pattern of study with Mathematics as one of the
subjects at the Degree level.

FOR 1st YEAR B.E. / B.TECH ADMISSION ELIGIBILITY

<table>
<thead>
<tr>
<th>Community</th>
<th>HSC (Academic) or equivalent</th>
<th>HSC Vocational</th>
<th>Diploma</th>
</tr>
</thead>
</table>

2nd YEAR B.E. / B.TECH ADMISSION ELIGIBILITY

FACULTY
About 240 members of dedicated team of faculty having vast academic, research, consultancy and industrial experience
are the backbone of this institution. The faculties are rewarded adequately for their best performance.
CAMPUS
This college is situated on the outskirts of Madurai, 11 kms. on Madurai - Nedungalum road. The Campus has total built-up area of 46,580 sq.m. (501,200 sq.ft.) at permanent land of 53.8 acres. The Campus has multistoreyed Buildings consisting of well provided Class Rooms, Drawing Halls, Seminar Halls, Staff Rooms, Library, Air-Conditioned Computer Centres, Indoor Stadium with Multi-Gym, Mineral Water Plant, Post Office, Health care Centre, SBI ATM Centre and Student Rest Rooms. The infrastructure consists of six Double storeyed Laboratory Buildings and four single storeyed Buildings, Laboratories and Machine Shop. The M.B.A & M.C.A Departments are functioning in a separate spacious three storeyed Post Graduate Block of 4044 sq.m. (43,510 sq.ft) Well furnished Men’s Hostel, Mess Block, Canteen Block are inside the Campus. Separate Ladies Hostel Block of 4709 sq.m. Area is also inside the College campus. Sri Vidhya Vinayagar Temple is on the eastern side of the College Campus.

All Departments are having well established laboratory facilities to impart practical experience to students. Details of major equipment facilities are mentioned below (Department wise)

Department of Mechanical Engineering
The Department of Mechanical Engineering was started in the year 1994. The Department is offering Master’s Program in CAD / CAM since 2007. This Department is recognized as the “RESEARCH CENTRE” by Anna University for offering Doctoral Degree Programs.

Facilities
R & D Lab
Fluid Mechanics and Machinery Lab
Strength of Material Laboratory
Machine Shop
Heat and Mass Transfer Lab
Steam lab
Internal Combustion Engines Lab
Metrology Lab
CAD & CAM Lab
Metallurgy Lab
Instrumentation and Dynamics Lab
Mechatronics Lab
Department of Electrical and Electronics Engineering

The Department of Electrical and Electronics Engineering was started in the year 1994. Master of Engineering in Power System Engineering was started in 2004. The Research and Development section is doing research on Industrial Power Harmonics and mitigation and interact with industries in measuring, recording, analyzing and designing of filters for reducing harmonics with the help of Power Quality Analyzer, as per IEEE standard. It is recognized as the “RESEARCH CENTRE” by Anna University for offering Doctoral Degree Programs.

Facilities

- Electrical Machines Laboratory
- Control System Measurement Instrumentation Laboratory
- Power Electronics Laboratory
- Electrical & Electronic Circuits Laboratory

- Power Systems Simulation Laboratory
- Research & Development Laboratory
- IEEE Library

Department of Electronics and Communication Engineering

The Department of B.E. Electronics and Communication Engineering was started in the year 1994. The Department is also offering M.E. Communication Systems since 2004. The department is recognized as the “Research Centre” by Anna University, Chennai for the candidates to pursue Doctoral Degree Programs.

Facilities

- Electronics Lab
- Communication System Lab
- Microprocessor Lab
- VLSI Lab

- Communication Lab
- Digital Signal Processing Lab
- Project Lab
Department of Computer Science and Engineering
This Department was started in the year 1997. M.E. Computer Science and Engineering was started in the year 2011. IBM Center of Excellence is installed for the benefit of Research and Development activities in this field.

Facilities
- Computer Centre
- CSE Laboratory
- Project Laboratory
- Infosys / IBM

Department of Information Technology
This Department was started in the year 1999. M.E. Computer Science and Engineering (With Specialization Networks) was started in the year 2013. This Department Laboratories are dominated by open source operating system (Ubuntu) and Open Source Softwares. We provide training on latest technologies such as mysql, php and front and design to meet the industrial requirements. We have various special interest group to impart domain specific knowledge to student consistently.

Facilities
- IT Foss Lab
- IT Project Lab
- Microprocessor & Microcontroller Lab
- IT Case Tools Lab
- IT WI-FI Lab
Department of Automobile Engineering
Our institution is one of the few institutions in the state of offering Four-year Degree Course in Automobile Engineering from the academic year 1999-2000. Automobile Engineering is having wide carrier growth all over the World.

Facilities
- Engine Components Lab
- Chassis Components Lab
- Automotive Electrical and Electronics Lab
- Vehicle Maintenance / Recondition Lab
- Fuels and Lubricants Lab
- Computer Aided Automotive Design and Drafting Lab

Department of Electronics & Instrumentation Engineering
This Department was started in the year 2001-2002 and got into a state of solid consolidation, in the years that followed, with the innovation of technology brilliant and highly sophisticated laboratories.

Facilities
- Process Control Lab
- Industrial Instrumentation Lab
- Transducer Lab
- System Design Lab

Department of Master of Computer Applications
This Department was started in the year 1997. This Department is recognized as the "Research Centre" of Anna University, Chennai for offering Doctoral Degree.

Facilities
- MCA Lab - I, MCA Lab - II, R & D Lab

Department of Science & Humanities

Physics Laboratory - Optical fibre Kit - Ultrasonic interferometer, Forbidden Energy Gap Kit, Hotair Oven, Magnetic Stirrer.

Chemistry Laboratory - Potentiometer - Spectrophotometer - flame Photometer, Conductivity Meter, Electro Chemical Measuring Unit, Magnetic Stirrer & Thermostat Ultra Sonicator.

Department of Master of Business Administration
This Department was started in the year 1997. This Department is recognized as "Research Centre" of Anna University, Chennai to offer Ph.D. Programmes and to carry out industrial research.

Facilities
- MBA Lab, R&D Center, Smart Class Rooms

Hostel Details:
Well furnished Separate Hostels for Boys and Girls inside College Campus with separate Mess facilities (Both Veg and Non-Veg. Items). The Boys Hostel inside campus consists of Two Separate Blocks. The Accommodation facility available for Boys is about 400. The Girls Hostel Block inside campus consists of three floors. The Accommodation facility available for Girls is about 350. The Boys Hostel situated in the Madurai City at Sathaipeetta has the Accommodation facility for about 70 Students.
Central Library & Facilities
The College has a well-equipped Barcoding Library system with about 47,242 books consisting of Reference books, separate text books section, back volumes of Journals. Popular magazines, Indian and Foreign Journals Educational C.D.'s. Computer Centre with Internet connection. A separate library with Barcoding for M.B.A & M.C.A students is housed in a spacious hall in the Post Graduate block and is provided with 16,569 books.

List of International e-Journals Subscribed:
IEEE, ASME, ELSEVIER, MIC GRAW-HILL, ASTM DIGITAL LIBRARY, EBSCO (Business Source Elite)


Information System Support Group (ISSG)
(Office Automation, Web Services, SMS Services, Wi-fi Service, Hardware & Networking Services)
This Department is formed to procure, install hardware, network related equipments, procure software, develop software for the college administration, implement and Maintain Wireless Campus (Wi-fi) development, Internet Connectivity (30Mbps) and Develop the web applications. (Students and Parents to view the Students Marks, Attendance, etc., anywhere anytime through our college website). We maintain the own webserver (24x7) in our campus. We provide SMS Services for Students and Parents (Absent Intimation to Parents, Attendance, Marks, etc.,) This center is maintaining College Automation, a mini ERP package Fusion Education, with five high end servers (Blade Servers and Rack Servers) for database, web and Proxy and 30 Nodes of latest configuration under LAN. The Fusion Education, package has separate but integrated modules for Staff, Students, Training and Placement, Accounts, Purchase, Despatch, Library, Transport, Maintenance and Hostel. The Staff, Students & Library packages are web enabled. The other responsibilities of the group include training of students, staff, social groups and industry personnel in computer hardware, software, networking and popular applications.

Industry Institute Interaction
MoU with IBM, TCS, Infosys, EMC², Accent e-Technologies, Keane(1) Ltd., BSNL, CADD Centre & Yukogova.

Department of Physical Education Achievement - 2013-14
Boxing (Men) - Inter Zone over all Runner in Tournament held on 14.12.13 to 15.12.13
Judo (Men) - Inter Zone Over all Winner in Tournament held on 11.1.2013 to 12.1.2013
Basketball (Men) Winners, Table Tennis (Men) Winners

IBM Rational Center of Excellence
The College has established an "IBM Rational Center of Excellence", the first of its kind in Tamilnadu, an exclusive center for testing softwares, research, development and student project activities. This center is equipped with a high end server and 35 intel workstations and well equipped seminar hall. IBM has donated software worth of Rs. 3 Crore for this center and Lenovo has contributed two high end notebooks.

Internet Facilities
30 Mbps direct internet optical fibre connectivity from BSNL & Reliance (24 Hours x 7 days a week) Wi-fi enabled in Admin Block, near EEE/EECE Block, PG Block & Hostel Blocks.

ISTE / IEEE / IETE / CSI CHAPTERS / IE (INDIA) / SAE (INDIA) COLLEGIATE CLUB / Madurai Management Association
College is having Staff / Students Chapters of ISTE, IEEE and CSI, SAE Club. We are regularly receiving journals and magazines from these Institutes. Faculty Development Programs, Seminars and Guest lectures are arranged under this chapter on regular basis. A separate IEEE library is also functioning for the benefit of staff and students. Many of our staff and students are members of these institutions. Our college is a member in MADITSSIA, CII and IET Academy.

TRAINING AND PLACEMENT CELL
A Full time TPO in professor cadre (Alumni of KLNCE) has been assigned dedicatedly to look after Training and Placement activities to all B.E./B.Tech./M.E./MBA/MCA students of this College. This department plays a vital role for the job placement services, implant training of students and project for B.E./B.Tech., M.B.A. and M.C.A. students under various Government Organizations and Corporate Bodies. Different Corporate Bodies have recruited our final year B.E./B.Tech., M.B.A & M.C.A., students during this academic year. Personality Development Programmes and Communication Skill Programmes are arranged for the benefit of the students from 1st year onwards.
TRANSPORT
There are Thirty Seven (37) buses plying over through different routes for the benefit of the students and staff.

ROTRACT CLUB
This club aims at the self development of students through educational seminars, quiz programs and constructive activities for the benefit of the society.

Non-Conventional Renewable Energy Club
This Club develop the students to create the project depend upon the environment related problems in day to day life. Solar Bike is developed by a MBA Student and Solar Grass Cutter is developed by the Students of Mechanical Department with help of NCRE club members. 15 K.W. solar power units is installed to supply power to lighting Fan & L.T. Units.

National Service Scheme (NSS)
3 Units with 100 Student Members each - Activities like career guidance Programme, Medical Checkup & Blood Donation Camp, Village Camp for the benefit of People, Cleaning educational Institution and Temple etc.

Cultural and Literary Association
This association encourages the students to improve communication skills and their participation in cultural activities.

Department Associations
Different departments are having their own associations like MECHASO, ELITE, SPARKLES, ACE, EAGLE IT, PROPLEZ, EINSTEA, GEMS, EITA, KLNCHAS, etc. They are conducting symposia. Seminars at State / National level / National Conference/Guest Lectures are arranged by the Department Associations.

Research and Development Unit (RDU)
K.L.N. College of Engineering lays a strong emphasis on the sponsored Research and Industrial Interaction. The Research & Development Unit (RDU) was specifically set up in the Institute to provide specialized administrative and managerial support for the operation of Sponsored Research Projects, Consultancy Jobs and other related R&D activities. It organize for collaboration with industries by signing MoUs and also promote MHRD funded Projects. It provides guidance for Patents, Know-How and Transfer of Technology. It promotes Industry - Institute Interaction by deputing the students and staff members of this College to various core industries and organisations. Industry Institute Partnership Cell (IIPC) is formed to promote consultancy projects also.

Red Ribbon Club (RRC)
This Club aims to train, educate and encourage students on safety, Primary Health Care and promote healthy living. It encourage and motivate community service among students. It promotes international friendship with activities that cultivate a humanitarian spirit. It provides Technical Support in the development of youth programmes, fund raising identification of material and human resources.

Youth Red Cross (YRC)
This Club aims to train and develop our students relating to life skills, nutrition, mental health and reproductive health which leads them to adopt healthy life styles and behavior change. It organize and promote Blood Donation Camp, Seminar, Competition, Rally, Orientation programmes and instill negotiation skills among the youth.

Maths Club - ODYSSEY
This Club in the name of Odyssey is started on 5th March 2013. The Objective of this Club is to create interest in Mathematics and to remove the fear of the subject among the students. Along with the department of Mathematics, this club plans to give GATE and Aptitude Coaching for our students to provide Potential Employability.

Students Care Centre to Counsel for Students welfare.