

K.L.N. COLLEGE OF ENGINEERING

Accredited by NAAC (National Assessment and Accreditation Council - New Delhi)

Pottapalayam - 630 612. (11 Km from Madurai City) Sivagangai District, TamilNadu.

Estd: 1994

Amarar
Shri K.L.N. KRISHNAN



Founder President
(1918 - 2001)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Accredited by NBA | Permanently Affiliated to Anna University, Chennai



Power Electronics Laboratory



Power System Simulation Laboratory



Project Laboratory



Electrical Machines Laboratory



Control System & Instrumentation Laboratory



Microprocessor Laboratory

Vision and Mission of the Department

VISION: To become a high standard of excellence in Education, Training and Research in the field of Electrical & Electronics Engineering and allied applications.

MISSION: To produce excellent, innovative and Nationalistic Engineers with Ethical Values and to advance in the field of Electrical & Electronics Engineering and allied areas.

Accreditation Status

**1st
ACCREDITATION**

**3Years
W.E.F
19.03.2004**

**2nd
ACCREDITATION**

**3Years
W.E.F
19.07.2008**

**3rd
ACCREDITATION**

**2Years
W.E.F
05.08.2013**

**4th
ACCREDITATION**

**3Years
upto
30.06.2019**

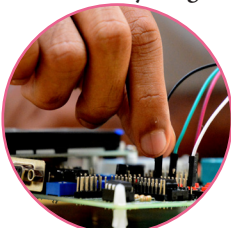
**5th
ACCREDITATION**

**3Years
upto
30.06.2022**

Five Times Accredited by NBA, New Delhi

Our Excellence

TI University Program



MoU with Texas Instruments

Collaborative e-Learning



MoU with National Instruments



MOODLE LMS

Highest CTC: **6.6 Lakhs**
Average CTC: **2.5 Lakhs**

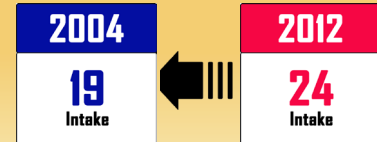
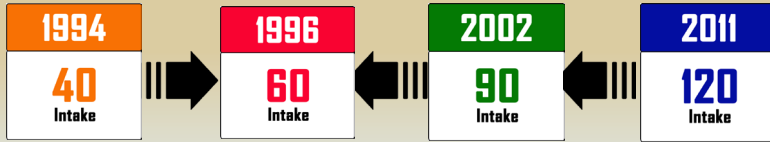


Excellent Placement Training

Profile of the Department

B.E. - ELECTRICAL AND ELECTRONICS ENGINEERING

M.E. - POWER SYSTEM ENGINEERING



Both UG and PG are permanently affiliated to Anna University, Chennai

Faculty Profile

CADRE WISE FACULTY

5	Professors
6	Associate Professors
13	Assistant Professors

EXPERIENCE (Years)

13	More than 10 Years
10	More than 5 Years
1	More than 3 Years

Ph.D - Highlights

- Recognized Research Center of Anna University till December 2021.
- Year of Recognition as Research Centre --> 2012
- 2 Awarded, 18 Scholars are pursuing.

QUALIFICATION WISE FACULTY

12	Ph.D
4	Doing Ph.D
8	M.E

EXPERIENCE in K.L.N.C.E (Years)

10	More than 10 Years
10	More than 5 Years
4	More than 3 Years

Department Head

Joined KLNCE on 18.07.1996, he has a vast experience of 25+ years in the area of Teaching / Research and Administration. His area of expertise include Power Systems, Electrical Machines and Machine Design. He always ensured that students were prepared for not only their graduation and placement, but to become exceptional citizens of our community, city, state, and country.



Dr.S.M.KANNAN , B.E., M.E., Ph.D.,
Professor & Head / EEE

Average Teaching Experience: 12 Years

Ongoing Research Projects

Investment Grade energy audit in street lighting system and preparing Detailed Project Report for implementing energy saving mechanism in street lighting system in the 19 Designated Municipalities in Madurai Region

Done by

Dr.S.Venkatanarayanan,

Professor/EEE, funded by TUV SUD South Asia Private Limited, Chennai.

Design & Development of Sensor based Sewage Block Remover & Management System

Done by

Dr.S.Parthasarathy,

Professor/EEE, funded by Department of Science & Technology (DST)

Smart Meter for Measuring Power Quality Disturbances using GSM Technology

Done by

**Dr.K.Gnanambal, Prof/EEE ,
Dr.S.Parthasarathy, Prof/EEE
S.Manoharan, AP(Sr.Gr)/EEE,**
funded by Department of Science & Technology - Instrument Development Programme.

Research and Consultancy Fund Generated in the last 3 Years is Rs. 1.02 Crores.

Conferences and Symposium



ECHELON 2013

01.03.2013

Chief Guest:

Dr.S.Gopinath

(Alumni 2000 Batch)
Senior Architec - Control
Systems Robert Bosch
Engineering & Business



ECHELON 2017

09.03.2017

Chief Guest:

Er. S. Palaniappan

Client - Solution Partner,
Allianz Managed Operations Services,
Trivandrum.

Ms. Patricia Bennet,
CEO, PITTS-Inc, Madurai.

INTERNATIONAL CONFERENCE

6.4.2016

Chief Guest:

Dr.Arokiaswami Alphones

Professor, School of Electrical and
Electronic Engg., NTU, Singapore



INTERNATIONAL CONFERENCE

11th and 12th May 2018

Chief Guest:

Dr.Nipat Jongsawat

Dean, Faculty of Science and Technology
& Head of
Educational Technology Section, Rajaman-
gala University of Technology, Thailand.



ECHELON 2015

28.02.2015

Chief Guest:

Dr.D. Brahadeeswaran,

Vice - President, SEED, Chennai.



ICIEA '18 on 11th & 12th May 2018

Chief Guest: **Dr.Nipat Jongsawat,**

Dean, Faculty of Science & Technology & Head of Educational Technology Section
Rajamangala University of Technology Thanyaburi (RUTT), Thailand.

CONSULTANCY & PATENTS REGISTERED

Academic Year	Dr.S.Parthasarathy, Professor/EEE		Sr.S.Venkatanarayanan, Professor/EEE	
	Harmonic Audit		Energy Audit	
	No. of Industries Visited	Fund Generated (Rs. in Lakhs)	No. of Industries Visited	Fund Generated (Rs. in Lakhs)
2017-2018	04	0.78	93	22.4
2016-2017	05	0.40	78	1.07
2015-2016	03	2.74	58	0.58
2014-2015	15	1.73	-	-
2013-2014	04	1.86	-	-
2012-2013	08	0.79	-	-
Total	39	8.30	229	23.89

Snapshot of **Dr. S. Parthasarathy**, Working in an Industry as an Harmonic Consultant. He has been consulting various industries in India and in Abroad.



Snapshot of **Dr. S. Venkatanarayanan**, Working in an Industry as an Harmonic Consultant. He has been consulting various industries in India and in Abroad.



- **Dr. S. Parthasarathy**, is the recognized speaker for APQI, CPRI, FICCI, CSDEC, IEL, ESCI, ICA.
- **Dr. S. Venkatanarayanan**, is the SMIEEE, recognized EnMs Lead Energy Auditor, PCRA Empanelled Faculty, Chartered Engineer, Speaker / PEACE of Govt. of Tamil Nadu, recipient of Best Professor Award from Malaysia.
- **Patents Registered by Dr. S. Venkatanarayanan**,
[1]"Implementation of sliding mode controller for single ended primary Inductor converter" Application No: 2016410008174, 10th March 2016 [2] "Electrostatic Conductive and Dissipative Coatings", Application No: 201841037671A , 12th Oct 2018.

PROFESSIONAL SOCIETY/CHAPTERS

Details \ Chapter	IEEE	IEI	ISTE
Year of Student Chapter Establishment	March 1999	October 2015	2002
Student Chapter Code	60791	630611/KLNCE	T.N.104
No. of Student Members	133 (2018)	278 (2018)	311 (2018)
No. of Staff Members	4	26 (2018)	9 (2018)
Events Organized from 2012-2018 in IEEE and IEI alone is 116			

BEST DEPARTMENT AWARD WINNER

Category	Academic Year / Batch
Highest Success Index	2011-2015, 2012-2016, 2013-2017 & 2014-2018
Highest Academic Performance	2014-2015, 2015-2016, 2016-2017 & 2017-2018
Highest Graduation	2011-2015 & 2012-2016

Every semester a minimum of 10-15 events are organized for every batch of UG and PG students of our department. This enables students to learn many things which are not a part of Anna University Curriculum

STUDENTS PERFORMANCE DEGREE AWARDED AND BATCHWISE COMPARISON

Degree/AY	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	Overall
UG	85.26% (81/95)	91.42% (96/105)	90.78% (128/141)	94.66% (124/131)	90% (108/120)	73.98% (91/123)	86.01% (628/715)
PG	100% (9/9)	95.65% (22/23)	100% (21/21)	93.75% (15/16)	100% (8/8)	100% (2/2)	97.47% (77/79)
Over All	86.54% (90/104)	92.18% (118/128)	91.98% (149/162)	94.56% (139/147)	90.63% (116/128)	74.4% (93/125)	88.79% (705/794)
AU Ranks	17	25	12	06	08	02	70

126

University Ranks Secured Since

1998

UG = 108

PG = 18

75%+

Consistent Placement Record

INNOVATION in TEACHING

We use ICT tools such as MOODLE LMS, Google forms, College website, PPT, YouTube, etc. for teaching. Every class room is a smart class room, powered with Video Projectors, Speakers and PA Systems.



DISTINGUISHED ALUMNI



Vani Starry Manoharan

(2001- 2005 Batch), M.S., Ph.D, University of Alabama in Huntsville, Research Scientist at SSAI, Washington D.C., NASA/GSFC – SSAI.



Srideep Musuvathy

(1997 - 2001 Batch), M.S. (Comp.Science), M.S. (Electrical Engineering), M.A. (Mathematics), Ph.D (Electrical Engineering- Control Engineering), University of Southern California, President, MRCS, Inc, Santa Fe, New Mexico.



Dr. B.Saritha

(1997 -2001Batch), M.Tech, Ph.D, IIT, Madras, Post Doctorate at Florida University, USA, Former Faculty of IIT, Kharagpur, PDF at IISC, Bengaluru currently working in Powertrain Development Engineer, FCA,



Dr. Gopinath S

(1996 -2000 Batch), M.Tech, Ph.D, IIT, Delhi, Former Architect at Robert Bosch Engineering and Business Solutions Ltd. Bengaluru, Technical Manager at Tata Elxsi Ltd., Bengaluru.



M.Y. Balaji Prasanna

(2008- 2012 Batch), M.S., University of Texas at Dallas, Firmware Engineer at Intel Corporation, Greater San Diego Area.



G.M.Rajkumar

(1995 -1999 Batch), NPI Program leader, GE Vingmed Ultra Sound, AS Norway

Why ELECTRICAL AND ELECTRONICS ENGINEERING @ K.L.N.C.E ?

- 25 Years of empowering education to Electrical Power Engineering Society.
- More than 2000 graduates, since 1998, serving the Nation for better tomorrow.
- NAAC accreditation upto November 2023.
- 5th time NBA accreditation upto June 2022.
- Ph.D. research center recognition upto December 2021.
- Permanent Anna University Affiliation.
- University Rank Holders: 108 (B.E/EEE), 18(M.E/PSE)
- Research and Consultancy section generated a fund of Rs.1.06 Crores, in last 3 years.
- Outcome based Professional Learning through Discipline, Dedication and Determination.
- Industrial Consultancy in association with state and central government bodies.

- Auditing and Seminar organized for more than 400 industries since 2016.
- 70% of Placement in reputed companies.
- IEEE Madras Section appreciation award was received consecutively for 2016, 2017 and 2018.
- IEI best division award 2017.
- More than 500 papers published in conferences and journals since 2012.
- Texas Instruments Innovation Laboratory for skill enhancement.
- Students Certificates earned: More than 75 NPTEL certificates and 200 spoken tutorial certificate from IIT Mumbai, since 2017.
- Teaching Experience of Faculty: 12 Years - Average. (12 Ph.D's, 5 Professors, 6 ASP's, 6 Anna University recognised supervisors).

- Placement Training is given from **second year** of the UG program till their final year.
- Placements will start from the **7th Semester** onwards.
- Most students are placed in reputed companies even before their course completion.
- We **ensure** that every graduate is getting a job before they leave our campus.
- All kinds of placements such as, **ON- Campus, OFF-Campus, AU-CUIC Campus Drive, Internship, Placement from third party assessment companies** such as **AMCAT, CoCubes** etc. are carried out, which means opportunity is limitless here.

To Experience KLNCE-EEE, Join us Today



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POTTAPALAYAM - 630612, SIVAGANGAI DT.

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MOODLE



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YouTube



Dr. S. M. Kannan, Prof. & Head, EEE

8825685829

Dr. S. Parthasarathy, Prof., EEE Dept.

9443402901

