

ELIGIBILITY

Teaching Faculty from CSE, IT, ECE departments, Research Scholars and PG students of AICTE approved Engineering colleges can attend the programme.

ACCOMMODATION

Hostel accommodation will be provided to the required participants based on first come first serve basis with nominal charges.

REGISTRATION

Interested and eligible candidates are requested to send the duly filled in registration form to the Coordinator along with the registration fee as Demand Draft drawn in favor of "The Principal, K.L.N. College of Engineering" payable at Madurai.

REGISTRATION FEE

Faculty and Research Scholars : Rs.700/-
PG Students : Rs.500/-

IMPORTANT DATES

Last date for registration : 15-05-19
Date of selection intimation : 20-05-19

ORGANIZING COMMITTEE

Convener : Dr.A.V.Ramprasad, Principal
Co-convener : Dr. P.R.Vijayalakshmi,
HOD/CSE

Coordinators :
Dr. S. Miruna Joe Amali, Prof/CSE
Ms. S. Brindha, AP/CSE

ADDRESS FOR CORRESPONDENCE

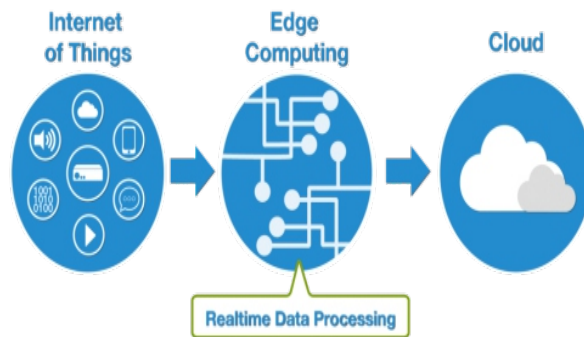
The CSIR Seminar Coordinator,
Dept. of Computer Science and Engineering,
K.L.N. College of Engineering, Pottapalayam.
Contact: 9843963208/brindha1963@gmail.com

INSTITUTION

K.L.N. College of Engineering is the first self-financing co-educational Engineering College near Madurai, started in 1994 by munificence of philanthropist and well wishers in Sourashtra community, a linguistic minority in Tamilnadu. Our College has been approved by AICTE and is affiliated to Anna University, Chennai. Our Institution is accredited by NAAC with B++ and got certification in ISO 9001:2015 by TUV, Germany.

The National Board of Accreditation (NBA) New Delhi, accredited MECH Engg, EEE, ECE, CSE and IT Departments. The college campus is situated in a quiet environment about 11Km from Madurai Railway Station and about 15 Km from Madurai Airport.

The college is having 187Mbps Internet Facility Provided by BSNL and Airtel which is connected to fiber optic cable connecting all Departments. There are 3000 students in the campus with 7 UG and 5 PG Engineering Degree programs, in addition to MBA and MCA courses. The college is having strong association with leading industries like Infosys, IBM, TCS, Hexaware, Wipro, Paloalto, Redhat, Dell etc.



K.L.N. COLLEGE OF ENGINEERING

Organizes

CSIR Sponsored

**Three Days National
Seminar**

**"A Deep Dive into Edge Computing
Architecture and Future of Data Analytics"**

29th – 31st May, 2019

Coordinators

Dr. S. Miruna Joe Amali

Ms. S. Brindha

Co-Coordinators

Dr.M.Raghini

Mrs.S.Venkata Lakshmi

Organized by

Dept. of Computer Science and Engineering
(Accredited by NBA, New Delhi & Recognized
Research Center by Anna University, Chennai.)

K.L.N. College of Engineering

(Accredited by NAAC with 'B++')

**Pottapalayam – 630 612,
Sivagangai Dt., Tamilnadu.**

Ph: 0452-2090971, 6562171 Extn: 262, 272, 282

Fax: 0452 – 2090070

Web: www.klnce.edu

ABOUT THE DEPARTMENT

The Computer Science and Engineering Department is started in the year 1997. The department is accredited by NBA, New Delhi and approved by AICTE, New Delhi with the sanctioned intake of 120. The department is affiliated to Anna University, Chennai and offers P.G. course M.E (CSE) with the intake of 24. Our Department is recognized as Research Center by Anna university, Chennai from 2015. Experienced faculty members with full-fledged Laboratories are the strength of the department. We offer more recognized certification courses as per the latest requirement of Industries. Our department is very keen to have close association with Industry. Our department has strong relationship with Premier industries like Infosys, ICTACT, IBM, Wipro, TCS, Hexaware, Virtusa, etc.

THEME OF THE PROGRAM

Edge computing in IT is defined as the deployment of data-handling activities or other network operations away from centralized and always connected network segments, and toward individual sources of data capture, such as endpoints like laptops, tablets or smartphones. The objectives of the program are,

- To create awareness and imparting knowledge about edge computing
- To discuss about design and developmental issues of edge computing infrastructure like Edge devices, Edge gateway, Edge computing equipment, Mobile edge computing
- To identify limitations of edge computing like developing a framework, protocol stack for actual implementation of the technology
- To analyze security and scalability issues in edge computing

RESOURCEPERSON

Academicians from NIT and Renowned institutions and Industry Experts will handle the sessions.

COURSE CONTENTS

Day 1

- ✓ Recent trends to Computing, Communication and Networking & need for strong data communication patterns and recent alternatives.
- ✓ Necessity of the Transition from centralized (cloud) storage to Edge.
- ✓ Introduction to edge computing.

Day 2

- ✓ Architecture and Protocols of Edge Computing.
- ✓ Privacy and Security-Security Architecture & Protocols for Edge Computing.
- ✓ Optimization Metrics-Performance, Complexity and Cost.
- ✓ Hands-on Exploring Edge Security and Optimization Techniques.

Day 3

- ✓ Edge Big Data Analytics-Introduction, Edge Analytics at Devices and Gateways Hands-on Data Analytics in Edge Computing Environment.
- ✓ Research Issues and Challenges in Edge Computing .
- ✓ Green and Sustainable Edge Computing & Technical Activity - Use case Rollout.

FOR FURTHER DETAILS, CONTACT

Ms.S.Brindha - 9843963208
Mrs.S.Venkata Lakshmi - 9842250886

CSIR Sponsored Three Days National Seminar

on

**“A Deep Dive into Edge Computing Architecture
and Future of Data Analytics “
29th – 31st May, 2019**

Name: _____

Designation: _____

Gender: ☐ Male ☐ Female

Name of the institution: _____

Department: _____

Address for communication:

E-mail ID: _____

Mobile: _____

Academic Qualification: _____

Experience (in Years): _____

Accommodation Required? Yes ☐ No ☐

Registration Payment Details: (Rs.700/- for faculty & Rs. 500/- for PG students)

DD No: _____ Amount Rs. _____

Name of Issuing Bank: _____

Place: _____ Date Drawn: _____

Date:
Signature: