TOPICS TO BE COVERED

FORENOON

SESSION – I (Basics of Nanotechnology)
- Introduction to Nano technology
- Preparation of Nanoscale materials
- Characterization of Nanomaterials

SESSION – II (Research Perspective)
- Semiconductor Nanostructures
- Energy Devices with Nanotechnology
- Environmental aspects of Nanomaterials

AFTERNOON

SESSION – III
- Recent trends in Internet of Things.
- Discussion on Nano with IOT.

RESOURCE PERSONS:

1. Dr. P. Baraneeedharan,
   Senior Research Associate,
   CSIR- Scientists' Pool Scheme, Alternative
   Energy and Nanotechnology Laboratory,
   Indian Institute of Technology Madras,
   Chennai - 600 036.

2. Dr. R. Kanthavel, HOD/ECE
   Dept. of Electronics and Communication
   Engineering, Velammal Engineering College,
   Chennai-66.

ELIGIBILITY

Faculty, Ph.D Scholars and UG/PG students from Engineering Colleges.

REGISTRATION FEE

1. Students & Researchers Rs. 200/-
2. Faculty Members Rs.300/-

MODE OF PAYMENT

Payment by Cash / DD drawn in favor of “The Principal, Velammal Engineering College, Chennai” payable at Chennai along with the Registration form.

IMPORTANT DATES

Submission of Application : 25.03.2016
Intimation of Selection : 28.03.2016
Confirmation by participants : 30.03.2016

REGISTRATION FORM

Name :
Qualification :
Designation : Gender:
Experience : Teaching ..... Yrs, Industry ...... Yrs
Organization:
Communication Address
Pin :
Phone numbers (With STD Code)
Mobile :
E-mail :
Details of Registration Fee:
Draft No……...Date…………….Amt.Rs………..
Name of the Bank………………………………
Is accommodation required? : YES / NO
DECLARATION OF THE CANDIDATE

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the programme.

Place:                                Signature of the candidate
Date:                                Signature of the HOD / Principal with seal

Address for Communication

Dr.R.Kanthavel,
Convener,
Dept. of Electronics and Communication Engineering,
Velamal Engineering College,
Velamal Nagar, Surapet,
Ambattur-Red hills road,
Chennai – 600 066

Phone: 044 39666020/9790831908
Website: www.velammal.edu.in
E-mail : nanotechiot@gmail.com

ABOUT THE INSTITUTE

Velamal Engineering College was established during 1995-1996. It is accredited by NBA and NAAC. It offers 9 UG, 7 PG and several research programmes leading to Ph.D. degrees. VEC has several centers of excellence and Research laboratories. The college has signed MoU with research organizations and industries in order to promote closer interaction with other institutions in the areas of technology development, training of students, curriculum updation and development of state-of-art centers. The College has well-equipped laboratories for all branches of engineering and also has close interactions with the leading Industries and IT firms for students training and project works. Due to the excellent academic climate in the campus, UG and PG students of our college enjoy good campus placement prospects.

ABOUT THE DEPARTMENT

The B.E Electronics and Communication Engineering program was started during the academic year 1995-1996. The M.E Applied Electronics program is also being conducted by our department. The Department has stable and experienced staff members. The Department has well equipped laboratories with modern amenities like Wi-Fi connectivity. This Department is fully accommodated with modern Hardware components and Software accessibility to cater to the academic needs of students and staff. The entire campus is connected through sophisticated Internet facilities to support academic and research work.

The Faculty members are actively engaged in research activities in the areas like Wireless Sensor Networks (WSN), Signal and Image Processing, Embedded and VLSI system Design technologies. To inculcate the research habit among Students and Faculty members more seminars, symposium and workshops have been conducted in latest topics on regular basis.

ONE DAY NATIONAL SEMINAR

On

RESEARCH ISSUES ON NANO TECHNOLOGY AND IOT

02-04-2016

Convener
Dr.R.KANTHAVEL
Prof. & HOD / ECE

Coordinator
Mrs.N.HEMAVATHY / Asst Professor

Organized By
Department of Electronics and Communication Engineering
Velamal Engineering College,
Velamal Nagar, Surapet,
Ambattur- Red hills Road, Chennai
Tamil Nadu – 600 066