

TEQIP Sponsored SDP
on
Future Trends in NEMS

25th to 27th FEBRUARY 2019

REGISTRATION FORM

Name :
Sex :
Institution :
Qualification :
Experience in years :
Research Interest :
Address :
Mobile no :
Email ID :

The details furnished above are true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the course for the entire duration

Place:

Date: Signature of applicant:

SPONSORSHIP CERTIFICATE

Mr./Ms/Dr _____

_____ is
an employee of our Institute/ Organization and is
hereby sponsored. He/She will be permitted to attend
the Workshop for the entire duration, if selected.

Place: Office Seal Signature of
the Sponsoring authority

Date:

Vision and Mission of the Department

Vision

To mould high quality promising and creative engineering professionals in the field of Electronics and communication for better living and the future of the global society.

Mission of the Department

- Create a unique learning environment to equip students excel in technical, personal and social life to emerge as a professional.
- Establish a research and an innovative culture to suit the needs of the society.



COLLEGE OF ENGINEERING PERUMON

(Under CAPE, established by Govt. of Kerala)

Perinad P.O, Kollam, Kerala

Pin: 691 601

www.perumonec.ac.in

Staff Development Programme

On

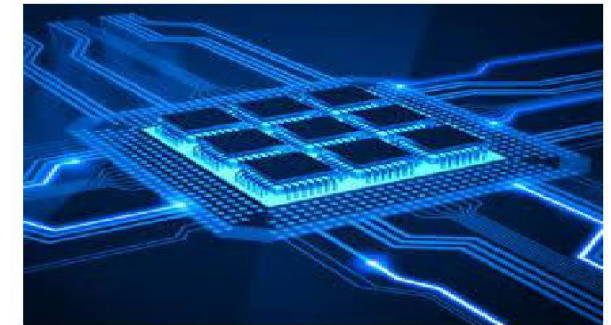
FUTURE TRENDS IN

NEMS

[Nano Electro Mechanical Systems]

Sponsored by TEQIP-II

25th to 27th FEBRUARY 2019



Organized by

Department of Electronics and
Communication Engineering

COLLEGE OF ENGINEERING PERUMON

(Under CAPE, established by Govt. of Kerala)

Perinad P.O, Kollam, Kerala

Tel: 0474 2550500/100 Fax: 04742550400

Email: principal@perumonec.ac.in Website:

www.perumonec.ac.in

ABOUT THE INSTITUTION

College of Engineering, Perumon was established in 2000 by the Cooperative Academy of Professional Education (CAPE), established by the Govt. of Kerala. The college which is affiliated to the Cochin University of Science & Technology (CUSAT) and Dr. A P J Abdul Kalam Technological University and approved by the All India Council for Technical Education, offers five undergraduate programmes (ECE, EEE, ME, CSE and IT) and one M.Tech programme in Computer and Information Science. From the very beginning the college has had an enviable result record in the Degree Examinations conducted by CUSAT. The college is located at Perumon in Kollam district with the Ashtamudi Lake bordering it. The college is about 12km from the KSRTC bus station, Kollam and about 13km from the railway station, Kollam. The nearest airport is Trivandrum international airport, about 78km from the college.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication established in the year 2000, has two sanctioned batches for BTech in ECE. Highly qualified and experienced faculty and well equipped laboratories have helped to mould engineering graduates of high calibre who excel in academics and industry.

ABOUT THE COURSE

Today almost all areas of technical endeavour has been impacted in some way or other by NEMS. This course aims to support the creation

of a comprehensive knowledge base for evaluating the shrinking technology with reduced power for the benefits of the environment, human health and safety. NEMS introduces miniaturization steps in micro-electromechanical systems, or MEMS devices. It integrates nanometer range transistors into the present technology

COURSE OUTLINE

- Introduction to Nanotechnology
- Characteristics of Nano structures
- Density of states and dimensionality
- Quantum transport in Nano structures
- Two dimensional electronic system
- Nanoelectronic devices

ELIGIBILITY FOR PARTICIPATION

The course is intended for teaching and nonteaching staff of engineering colleges and those from industry

HOW TO APPLY

The applicants should send their applications, duly sponsored, in the specified format to reach us on or before 21/2/2019 by post or e-mail. If selected, they should confirm their participation on or before 23/2/2019 by email or telephone.

ORGANISING COMMITTEE:

CHAIRPERSON:

**Prof.(Dr.) Z A Zoya, Principal,
College of Engineering, Perumon**

CONVENER:

**Prof.(Dr.)R.Bijukumar
Head, Department of ECE**

CO-ORDINATORS:

Anju V Gopal

**Assistant Professor, Department of ECE
College of Engineering, Perumon
Ph: 9447958242, anjuvgopal@gmail.com**

Tasneem Salam H

**Assistant Professor, Department of ECE
College of Engineering, Perumon
Ph: 9400185562, iamtaaz@gmail.com**

REGISTRATION FEE

For participants from TEQIP institutions:

Rs.1000/-

For participants from other institutions: Rs.500/-

TA/DA

No TA/DA will be provided.

ACCOMMODATION

Accommodation can be arranged for candidates at their own cost, if informed in advance.

DATES TO REMEMBER

Last date for receipt of applications: **21/2/2019**

Intimation of selection: **22/2/2019**

Confirmation by participants: **23/2/2019**

