

DECLARATION BY THE APPLICANT

The information furnished in the registration form is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing TEQIP sponsored STTP on "Recent Advances in MEMS based Virtual Instrumentation & Applications", and will attend the programme for the entire duration, if selected.

Place:
Date:

Signature of Applicant

SPONSORSHIP CERTIFICATE

Certified that Dr/Mr/Ms-----is an employee of our Institution and is sponsored to attend the TEQIP sponsored STTP on "Recent Advances in MEMS based Virtual Instrumentation & Applications", if selected

Place:
Date:

Signature and seal of sponsoring authority

ADDRESS FOR COMMUNICATION

Mr.B.Hemakumar & Dr.D.Sindhanaiselvi,
Co-ordinators (MBVIA)
Department of Electronics & Instrumentation
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ABOUT THE INSTITUTION

Pondicherry Engineering College (PEC) is 31 years old Institution promoted and fully funded by the Government of Puducherry. The college was started in the academic year 1985-86 under the seventh plan. The college has signed several MOUs with leading International/ National Institution/ Organizations of Eminence and is actively involved in various research projects. PEC now offers 8 undergraduate and 15 post graduate courses apart from Full Time/Part Time M.Phil. and Ph.D Programmes. The National Board of Accreditation (NBA) has accredited all the 8 undergraduate courses. The college is situated about 12 km north of Puducherry and about 150 km south of Chennai along the scenic East Coast Road (ECR) on the shores of the Bay of Bengal. As per National Institutional Ranking Framework released recently by MHRD, our college is in 49th Position among the Technical institutes in India.

ABOUT THE DEPARTMENT

The Department of Electronics and Instrumentation Engineering was started in 1998 and has been producing resourceful engineers for the past 14 years. The department is offering a B.Tech in Electronics and Instrumentation Engineering and a M.Tech in Instrumentation Engineering. The department has a team of highly qualified and dedicated faculty members. The department has laboratories with modern and state of the art equipments, excellent computing facilities and a library with adequate number of books. The Alumni of our department are spread far and wide across the globe holding eminent positions in Industries, Academia and R&D.

ABOUT PUDUCHERRY

The history of Puducherry dates back to the Romans. This town was ruled by French for about two and half centuries. The coastal town of Puducherry with the French ambience is known for the serene atmosphere. Sri Aurobindo Ashram and the nearby Auroville International Township lend a unique spiritual flavor to the city. There is a blend of spiritual aura, French colonial heritage & Tamil culture (Memorials of Poet Bharathiyar and Poet Bharathidasan). Sri Manakula Vinayagar temple, Chunnambar boat house, Ousteri lake, Park Monument, Bharathi Government Park etc, are some of the major tourist attraction in and around Puducherry.

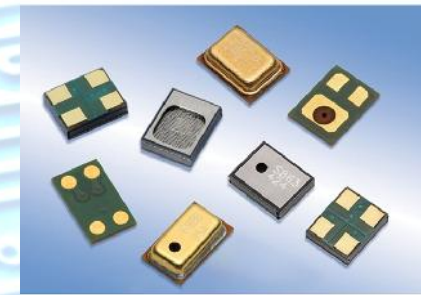


TEQIP-II

**Sponsored
SHORT TERM
TRAINING PROGRAMME
(STTP)
ON**

**RECENT ADVANCES IN MEMS BASED VIRTUAL
INSTRUMENTATION & APPLICATIONS
(MBVIA)**

27th June to 2nd July 2016



Co-ordinators

**Mr.B.Hemakumar
Dr.D.Sindhanaiselvi**

Organized by

**Department of Electronics & Instrumentation
Engineering,
Pondicherry Engineering College,
Puducherry- 605014
www.eie.pec.edu**

PREAMBLE

The STTP aims to bring together the communities who are working in the areas of MEMS, Virtual Instruments and its applications in Biomedical and Controls.

- This program focuses on exploiting its broad expertise to address multidisciplinary measurement and signal-analysis problems in chemical, mechanical, electrical, security, and biological systems, and the building of sensor systems for users in academia, industry and healthcare.
- The rapid adoption of the PC in the last 20 years catalyzed a revolution in instrumentation for test, measurement, validation and automation. One major development resulting from the ubiquity of the PC is the concept of virtual instrumentation, which offers several benefits to engineers and scientists who require increased productivity, accuracy, and performance.
- Microsystems have become indispensable for many of today's electronic systems. MEMS have applications ranging from automotive to defense industries, and from biomedical to consumer electronic devices.
- This course covers basic microfabrication technologies, the governing physics for MEMS devices in different energy domains (mechanical, electrical, optical, thermal, and fluidic). Design of MEMS based Virtual Instrumentation will be covered.

TOPICS TO BE DISCUSSED IN THE PROGRAMME

- ✓ MEMS Sensors
- ✓ Microfabrication technologies
- ✓ Virtual Instrumentation
- ✓ System Design using VI's
- ✓ Biomedical Applications
- ✓ Control Applications
- ✓ BioMEMS
- ✓ Design of MEMS based VI

RESOURCE PERSONS

Eminent faculty from reputed educational institutions (IISc., IIT & NIT), R&D sectors and Faculty from Pondicherry Engineering College.

ELIGIBILITY

The course is open to Faculty members/Research Scholars of Instrumentation, Biomedical, Electrical, Electronics, Mechanical and Chemical Engineering, who are working in AICTE approved Engineering/Polytechnic Colleges. Engineers from Industries are also eligible to apply. Admission will be offered subject to the availability based on TEQIP guidelines.

HOW TO APPLY

Duly filled in applications forms, as per the given format and duly recommended/sponsored by the competent authority should reach the coordinator(s) on or before 14-06-2016. Registration form can also be downloaded from www.pec.edu. Advance copy by email shall be accepted subject to confirmation.

IMPORTANT DATES

Last date for Registration	14.06.2016
Intimation of selection (by Email)	17.06.2016
Confirmation by Participants	20.06.2016

TA/ DA and ACCOMMODATION

No TA / DA will be paid to the participants as per TEQIP norms. Working lunch, tea and refreshments will be provided to all the participants. Accommodation will be provided to the selected outstation participants in the campus upon request, at their own expenses.

RECENT ADVANCES IN MEMS BASED VIRTUAL INSTRUMENTATION & APPLICATIONS

(TEQIP-II Sponsored STTP)
27th June to 2nd July 2016

REGISTRATION FORM

Name :
(in capital letters)

Date of Birth & Age :

Qualification :
(with specialization)

Teaching Experience :
(years)

Designation :

Department :

Institution :

Address for Communication (with PINCODE):

Contact No :

Email ID :

Accommodation Required : Yes / No

Is your institution approved : Yes / No
By AICTE / UGC

Signature of the Applicant