

REGISTRATION

- The workshop is open to the faculty of Academic Institutions, Students / Research Scholars and Professionals from Industry.
- The structure of the registration fee for various types of participants is given below.

Students : Rs.300/-

Faculty : Rs.500/-

Participants (Industry) : Rs. 1000/-

- The registration fee should be paid in the form of Demand Draft drawn in favour of " The Treasurer, ECE Association, Government College of Engineering" payable at Tirunelveli 627007.
- The last date of Registration is on August 31,2019

RESOURCE PERSONS

- Eminent experts from academia and industry will deliver lectures in the Workshop.

ADDRESS FOR COMMUNICATION

The Co-ordinators,
Workshop on " MEMS and NEMS",
Department of ECE,
Government College of Engineering,
Tirunelveli – 627007
Email : gceworkshop2019@gmail.com
Mob: +91 9952836743
Website : www.gcetly.ac.in

COURSE CONTENTS

- Micro / Nano fabrication
- MEMS / NEMS design, Modeling and Simulation
- MEMS / NEMS based sensors and actuators
- Etching techniques
- New techniques in Micro / Nano fabrication processes
- Characterization Methods

TWO DAYS NATIONAL
LEVEL WORKSHOP
ON

MEMS and NEMS

12th & 13th September 2019

Patron

Dr.M. Nataraj, Principal

Convener

Prof. A.Kasthuri, HOD/ECE

Course co-ordinators

Dr. G.Karpagarajesh

AP/ECE

Dr.E. Sivaraman

AP/ECE



Organised by

**DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING**

Government College of Engineering

Tirunelveli- 627 007

INSTITUTION PROFILE

Government College of Engineering, Tirunelveli is a state-owned Engineering Institute located in the town of Tirunelveli in the state of Tamil Nadu. Tirunelveli is often referred as the 'Oxford of south India' due to the larger number of educational institutions present. It is affiliated to the Anna University, Chennai. It was established in the year 1981. The college is spread over an area of 23hectares. The institution offers five undergraduate and five postgraduate programs. A post graduate course in Computer Science and Engineering was started during 1994 and Engineering Design and Power Electronics & Drives are started during 2002 and Structural Engineering & Communication Systems are also started during 2017. Part time B.E., Degree courses are offered in Civil, Mechanical, Electrical & Electronics Engineering and Electronics and Communication Engineering and Computer Science Engineering. The curriculum has been structured by Anna University, Chennai.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 1981 to converge with the growing requirement of design engineers in the country and with the perception of developing the students to pursue leadership, technical and management positions in variety of industries. The Department of Electronics and Communication Engineering is a

a rapidly conducive field with inspiration emerging every moment. Since there are exhilarating driveway to examine, analyze, re-invent and develop modules, systems starting from mobile phones, fiber optics, remote sensing, etc. since its constitution, the paramount goal of the Department has been to bestow high quality technical education to the students with comprehensive importance on designing, analyzing and configuring Electronics and Communication Systems.

ABOUT THE WORKSHOP

Micro and Nano Electro Mechanical Systems (MEMS/NEMS) are the integration of mechanical elements, sensors, actuators and electronics on a common silicon substrate through Micro and Nano fabrication technologies. Coupled with the smart materials and systems technology, Micro and Nano systems find applications from aerospace to automobile engineering and from environmental monitoring to biomedical health sciences. In the present era, global technologies that have a synergistic combination of Mechanical engineering, Electronic controls and Information Technologies are penetrating into the field of Micro and Nano systems. The MEMS market is still one of the fastest growing zones of the semiconductor industries.

REGISTRATION FORM TWO DAYS NATIONAL LEVEL WORKSHOP ON **MEMS and NEMS** 12th & 13th SEPTEMBER 2019

Name: _____

Institution: _____

Designation: _____

Department: _____

Educational Qualification: _____

Specialization: _____

Communication address: _____

Mobile No: _____

Email ID: _____

Payment Details: _____

DD No: _____ Date: _____

Bank: _____ Amount: _____

Date: _____

Place: _____

Applicant's Signature