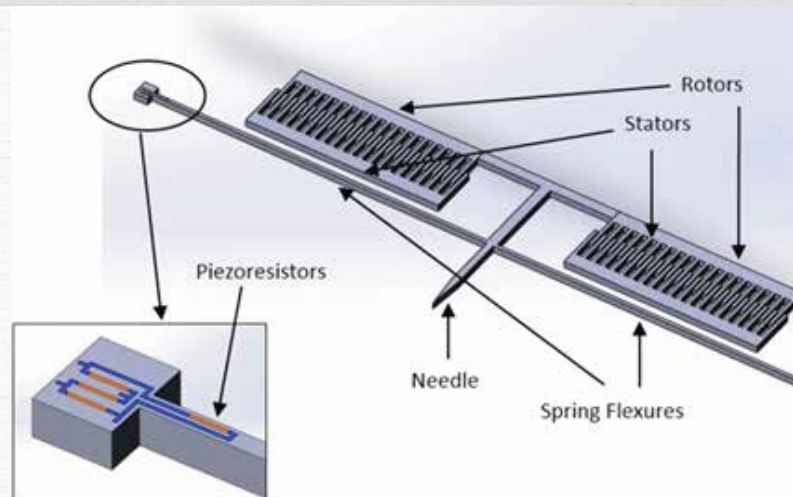
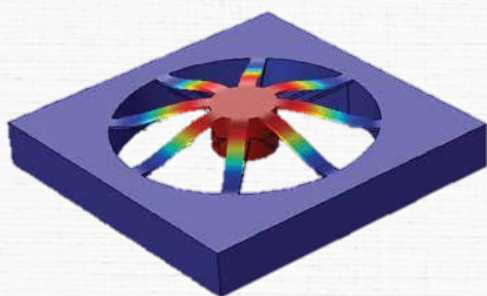
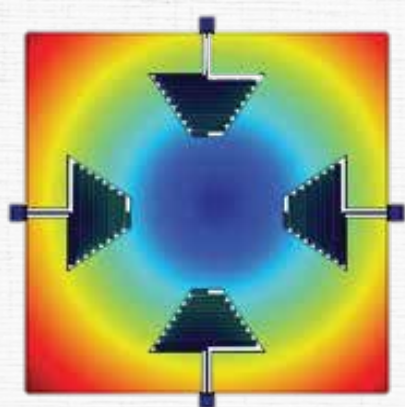


# Workshop on **MECHATRONICS & MICRO-MECHATRONICS**



*Organized by the Centre for Advanced Mechatronic Systems & the Department of Mechanical Engineering, University of Moratuwa.*

The integration of Mechanical engineering, Controls Engineering, Electronics engineering and Computer engineering has led the inception and development of the new multidisciplinary field of engineering discipline called Mechatronics. Currently, Mechatronics engineering has impregnated to the day-to-day engineering solutions, industrial machinery and high end engineering research. The researchers have the benefit of mastering Mechatronics engineering in performing the research tasks very much effectively and in a highly analytical way.

This workshop targets to give the participants an orientation to Mechatronics systems development and introduction to Micro Mechatronics. Hands-on experiences in sensing and actuating technologies, micro controller programming and virtual instrumentation could be obtained. Key areas of the workshop are as follows:

- Introduction to Mechatronics
- Introduction to Micro-Mechatronics (MEMS/NEMS)
- Smart sensors and actuators (with practical)
- Introduction to Graphical Programming and Virtual Instrumentation
- Design and implementation of Mechatronic System

**Only 10 participants are accepted!**

For registration, please contact Peshan ( +94 71 0149260 ) & reserve your seat.

**Date:** 5<sup>th</sup> July 2019

**Venue:** Micro/Nano Electro Mechanical Systems (MEMS/NEMS) & Mechatronics Laboratory

**Time:** 9 am to 12 pm

Register @:  
<http://mercon.mrt.ac.lk/workshops.html>



**Payments:**

Participants with foreign affiliation: USD 60  
Participants with Sri Lankan affiliation: LKR 3000

**WORKSHOP 4**

5<sup>th</sup> International Multidisciplinary Engineering Research Conference

**5<sup>th</sup>**  
July 2019

University of  
Moratuwa,  
Sri Lanka