

## **\*\*\*CFP TEMPLATE\*\*\***

\*\*\*\*\* CALL FOR PAPERS \*\*\*\*\*

SUBMISSION DUE DATE: **30/11/2018**

SPECIAL SESSION ON : **MEMS DEVICES for 21 ST CENTURY ELECTRONIC GADGET**  
[conference.memsgadget@gmail.com](mailto:conference.memsgadget@gmail.com)

Guest Editor: **Dr. Sujata N. Kale** , Sant Gadge Baba University, Amravati , India, [sujatankale@rediffmail.com](mailto:sujatankale@rediffmail.com); **Prof. Hemant Kasturiwale** , Thakur college of Engineering and Technology, Kandivali ( E ) , Mumbai, India, [hemantkasturiwale@gmail.com](mailto:hemantkasturiwale@gmail.com)

### INTRODUCTION:

**MEMS (Micro Electro Mechanical Systems)** are micro systems consisting of micro mechanical sensors, actuators and micro electronic circuits. A variety of MEMS devices have been developed and many mass produced, but the information on these is widely dispersed in the literature. Micro-Electro-Mechanical Systems (MEMS) are a class of miniature devices and systems fabricated by micromachining processes. The objectives of the special session on “ MEMS DEVICES for 21 ST CENTURY ELECTRONIC GADGET” are to promote and coordinate the development and practice of electronics devices with intelligence, smart controllability, sensors . It also aims to provide an international forum for researchers, practitioners, business educators, academicians and policy-makers to disseminate knowledge, exchange new ideas, trends, and practical challenges encountered in the areas. It will also discuss the concerns along with the solutions adopted in these fields particularly in the world of green revolution world. This special session will spotlight on state-of-the-art research paradigms, research challenges and issues in the digital Information & knowledge management, in variety of application areas. This special session is open for submission of high quality research contributions from academia and professionals. Original research papers, practical applications, case studies and state of the art reviews will be accepted. We anticipate that the special session will open new entrance for further research and technology improvements in this important area. Some advantages of MEMS devices include small size, light weight, low power consumption and high functionality compared to conventional devices. Further, MEMS technology offers cost reduction due to batch processing techniques similar to semiconductor Integrated Circuit (IC) manufacturing. This section can be used as a forum for presentation for fabrication, manufacturing, processes development and applications for 21 st century electronic gadgets.

### RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- **Microelectromechanical system and devices**
- **Fabrication and Characterization of MEMS devices**
- **Dynamics of Microelectromechanical systems**
- **Nanotechnology and MEMS system**
- **IoT and MEMS systems applications**

- **MEMS devices for health sector**
- **Modeling and tools for development**

**SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session on SUITABILITY OF MEMS DEVICES for 21 ST CENTURY ELECTRONIC GADGET **on or before 30/11/2018**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at [http://icicc-conf.com/paper\\_submission.html](http://icicc-conf.com/paper_submission.html). All submitted papers will be reviewed on a double-blind, peer review basis.

**NOTE:** While submitting paper in this special session, please specify SUITABILITY OF MEMS DEVICES for 21 ST CENTURY ELECTRONIC GADGET at the top of the first page of your paper.

All inquires should be should be directed to the attention of:

**Hemant Kasturiwale**

Guest Editor

**SUITABILITY OF MEMS DEVICES for 21 ST CENTURY ELECTRONIC GADGET**

E-mail:hemantkasturiwale@gmail.com

\* \* \* \* \*