

# EDITORIAL

*The chief editor and the rest of the editorial board welcome you all to year 2013, hoping to be another great year for the subject of smart materials and smart structures in India. We are very overwhelmed with the response from the research community in participating to bring out this ISSS journal. We continue our strong efforts to make this journal internationalized with credible impact factors as soon as possible and assume a leading role within our community of researchers in the field of smart materials and smart systems technology and engineering. We also thank all scientists participating in the reviewing process, which is a great service to maintain the quality of the journal.*

*We have made it a strong point to include a feature review article in every issue, to attract new researchers with a rapid training, who can further contribute this exciting area within a short span of time. The current issue features a review article dealing with the MEMs based pressure sensors, by Prof. K.N. Bhat & Dr. M.M. Naik, who have taken great care in presenting the subject while including the future predictions. In addition, we are able to include excellent contributed articles to maintain the quality of the journal.*

*The national conference of ISSS is round the corner and is scheduled in Sept, 2013 in Pune, India. This conference is bringing the local community together and helping to establish several collaborative activities.*

*While browsing through wide literature, two new developments caught my eye, which are expected revolutionize smart systems, namely; Transparent electronics and Plastic electronics. These two technologies are on a major march making breakthrough to bring out the sensors and devices using materials other than silicon.*

*Consider the great potential that plastic electronics in combination with transparent electronics technologies can offer, for example:*

- *RFID (radio frequency identification) tags created for packaging and labels*
- *Active sunglasses providing a real time navigation data*
- *Plastic solar cells that can be deployed as an alternative energy source*
- *Buttons on a remote control, which can change their color and labeling, depending on the device at which they are directed.*
- *Bio-compatible sensors that monitor health and control drug delivery*

*Smart materials and systems are destined to bring in better human life with numerous controls and these developments further pave the way for such dream to come true. ISSS journal aims to take lead role in bringing such articles to the community.*