

## ICMETE-16 HELD AT SRM UNIVERSITY, GHAZIABAD ON 23 SEP 16

**Mrs. Sanghamitra V. Arora** (Associate Professor, ECE department) presented her research work titled, '**Comparison of Speech Intelligibility Parameter in Cochlear Implants by Spatial Filtering and Coherence Function methods**' at **IEEE International Conference on Microelectronics and Telecommunication Engineering (ICMETE-16)** at **SRM University, Ghaziabad** on 23 September 2016. The paper will be published in **IEEE Explore & IEEE CSDL**.

This paper evaluates the speech intelligibility parameter of electrical hearing with a Cochlear implant where a multi-electrode array implanted in the cochlea transfers the electrical impulses to the brain. This paper reviews two techniques one based on spatial filtering and the other based on coherence function and discusses the possibility of combining them for better speech intelligibility as both the methods complement each other.



**Mrs. Sanghamitra V. Arora receiving the certificate**