Abstract
This paper reports about design and development of a novel mobile electronic nose assembly, which is an inspection cum controlling system. It is used to detect and control the fungal growth. The Model is tested in North-Eastern (Shillong) Region of India. The diseases like Aspergillosis, mucor amphibiorum, penicillium marneffei and hypersensitivity pneumonic are caused due to long term exposure of Aspergillus Sp., Mucor Sp. and Penicillium Sp. fungi which causes severe breathing problem, bleeding lungs, cancer and even death. The developed system can be used in the room/laboratory/library or any closed environment in which the fungal growth control is needed to prevent the spread of fatal diseases.

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**Index Terms**

Computer Science Wireless

**Key words**

Artificial olfaction fungal
growth
health

Electronic Nose
Development of a Novel Electronic Nose Assembly for the Detection and Deletion of Fungi in North-East Region