

# Laboratory of Bio-Sensing Engineering OPEN SEMINAR, 2018

**Presenter: Md. Hamidul Islam, PhD**

Associate Professor, Department of Farm Power and Machinery,  
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**Room No.: S-177**

**Time & Date: 14:45– 15:45, October 19 (Fri), 2018**

**Title: Bio-sensing for Advancing Quality of  
Horticultural Produces in Bangladesh**

**Abstract:** Due to favorable climatic conditions, a variety of fruits and vegetables are grown in Bangladesh with annual production of 11 million tons. The estimated post-harvest losses of fruits and vegetables lies in the range of 20-40% which are due to sub-standard post-harvest handling, storage and transportation.

Nowadays, post-harvest quality and produce safety are the concerns of the consumers. Still now, post-harvest processing i.e. sorting, grading and quality inspection of fruits and vegetables in Bangladesh predominately done manually. Therefore, there is enormous potential of bio-sensing research for upgrading post-harvest processing technique to improve the quality of fruits and vegetables and empower Bangladesh to compete in the global export trade.

This lecture is to fascinate and motivate researchers from Kyoto university to take leadership in biosensing research in Bangladesh.

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Anyone is welcome!

This lecture will be conducted in English.

Contact person: Prof. Naoshi Kondo (6170)