

Report
Guest Lecture on “Biomedical Image Processing”

Guest Lecture on “**Biomedical Image Processing**” was organized on 01.02.2019 at Conference Hall. Prof. Eric A. Hoffman, Prof. Emma Stapleton and Prof. Abilash from University of IOWA, IOWA, USA were the resource persons. Prof. Dr. J. Arputha Vijaya Selvi, Principal, gave a warm welcome to the gathering. Prof. A. Hoffman was introduced to the gathering by Dr. S. Sivakumar, Vice Principal. Prof. Eric A. Hoffman and his team was honoured by our Principal and Vice Principal.

Prof. Emma Stapleton, delivered a lecture on “Air Pollution in India”. Her lecture was focussed on the effects caused by cooking without ventilation by using wood. Using case studies, she stated that in Tamil Nadu the toxic level is less compared to other states particularly in North India.



Prof. Eric during the lecture



Prof. Emma during the lecture

Prof. Eric A. Hoffman, delivered a lecture on “Evaluation of Pulmonary Effects of Cooking Indoors with Solid Biofuels and Poor Ventilation”. In his lecture, he stated that smoking causes severe chronic obstructive lung diseases and other ailments. Besides, the smoke emitted by solid biofuels is equivalent to the side effects caused by smoking in cases of chronic lung diseases. While, concluding his lecture, Dr. Hoffman's briefed on the facilities available at his laboratory, a research dedicated state-of-the-art multi-spectral, multi-detector row spiral CT (MDCT) scanner and an in vivo micro CT scanner. Through a relationship with Siemen's Medical, the MDCT scanner is the state-of-the-art scanner to promote novel lung imaging. Prof. Eric A. Hoffman and his team, responded to the queries raised by the students and staff members. During the response to the lecture, Ms. Mowli, Final year /ECE said that the lecture was an eye opener in the field of Biomedical Instrumentation and students got a deep insight on the topic. The HODs of all departments, senior faculty members and students attended the programme. Dr. D. Kumar, Professor/ECE, coordinated the programme.

J. Mowli
2/2/19
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