



SEMINAR

Dt. 28.10.2011

Title: "Intelligent Insect Identification and Crop Productivity Enhancement"

Speaker: Mr. Dharanidhar Dang

Field of research: Digital Signal Processing, Wireless Sensor Networking, and Mobile Communication

Venue: Conference Room

Date: 29.10.2011

Time: 3:10 pm to 4:00 pm

Abstract:

India encounters approximately 50,000 crore worth of crop loss annually because of harmful insects and pests. Farmers could not identify pests in time which forces them to apply chemical pesticides in a random and senseless manner. This causes severe health hazards. SMART CROP PROTECTION SYSTEM can identify those insects the moment they attack the crop and will suggest appropriate natural remedies.

Conference Publications:

[1] Smart Crop Protection System- ***Dharanidhar Dang***, Tapas Kumar Patra, in the proceedings of IEEE sponsored International Conference on Electronic Systems 2011, NIT Rourkela (India), Communication Section; page no. 359-362. ISBN: 978-93-80697-50-5.

[2] Intelligent Insect Distinguisher- ***Dharanidhar Dang***, Tapas Kumar Patra, in the proceedings of IEEE sponsored International Conference on Electronic Systems 2011, NIT Rourkela (India), Signal Processing section; page no. 68-71. ISBN: 978-93-80697-50-5.

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