

New Agriculturist, 20(1,2) : 131–133, 2009

ELECTRONICS BASED EQUIPMENT AND MACHINERIES IN THE FIELD OF AGRICULTURAL ENGINEERING

V. V. Aware, S. V. Aware, A. V. Gajakos and A. G. Powar

Received June 12, 2009 and Accepted September 26, 2009

ABSTRACT : Electronics plays a very important role in developing various automatic machinery/equipments in the field of Agricultural Engineering. Mechatronics is the combination of electronics with mechanical systems. There are number of applications of electronics in the machinery require for the various departments of Agricultural engineering as department of Farm Machinery and Power, Agril. Process Engineering, Irrigation and Drainage Engineering etc. Principle of working and applications of electronic based equipments as LASER leveler, Pulse Electric Field - non-thermal electro technology and Atomic absorption spectrometer are explained in this paper.

Key Words : Electronics equipments, agricultural engineering.