

extend to the village its greater knowledge, quicker living and the manifold amenities of the modern age. Contributions from the countryside are of equal importance. It alone can produce the raw materials of commerce and industry and thus help in the growth of towns and cities. It alone can supply adequate and wholesome food to the millions of our land whether resident in the village or town. Lastly, the countryside alone can imbue the urban 'busi-

ness' civilization with the deeper character and larger humanities which are nurtured in the villager through his more direct and constant contact with the great forces of Nature and of life. Our duty then is clear: Namely, to improve the *village*, the nucleus of our country life, and infect its Chief Agent, the *villager*, with a chosen culture of the virus of modern age through *Education* and *Industrialization*.

ANNOUNCEMENTS

WORKSHOP ON APPLICATION OF VACUUM TECHNOLOGY TO SEMICONDUCTOR DEVICES

The Workshop (21-22 February 1987) is organized by the Indian Vacuum Society in collaboration with Semiconductor Society (India) and Tata Institute of Fundamental Research. The venue of the Workshop is Tata Institute of Fundamental Research, Bombay. Topics for the Workshop: 1. Materials: crystal growth, epitaxy, low pressure CVD, Plasma CVD, Photo CVD, MOCVD, MBE etc. 2. Device processing: Ion implantation, lithography, dry etching etc. 3. Metallisation: Electron beam evaporation, magnetron sputtering etc.

4. Equipment and accessories.

The main objective of this Workshop is to provide an opportunity for scientists and technologists engaged in vacuum and semiconductor device research, development and manufacture, to interact for mutual benefit.

For further particulars please contact: Dr R. Pinto, Convener, Workshop on Application of Vacuum Technology to Semiconductor Devices, Tata Institute of Fundamental Research, Bombay 400 005.

NATIONAL AWARD IN PLANT PROTECTION

In recognition of the vital role, the Integrated Pest Management plays in agricultural and forest productivity, and to further encourage the application of Integrated Pest Management - IPM, a National Award, called "Dr Bap Reddy National Award in Integrated Pest Management" has been established. This will be awarded by the Plant Protection Association of India situated at the Central Plant Protection Training Institute, Hyderabad.

The Award is instituted in honour of Dr D Bap Reddy, an eminent agricultural scientist, who

worked in India and with the Food and Agriculture Organization of the United Nations and is a pioneer in plant protection.

The Award will be given to those who are engaged in research, development, promotion or practice of Integrated Pest Management, including farmers.

Further particulars may be had from: Dr N. C. Joshi, President, Plant Protection Association of India, Central Plant Protection Training Institute, Rajendranagar, Hyderabad 500 030.
