ANKIREDDY JAWAHAR REDDY

DEPARTMENT OF ENTOMOLOGY, ACHARYA N. G. RANGA AGRICULTURAL UNIVERSITY, ANDHRA PRADESH, INDIA

Jawahar Reddy is a Ph.D. research scholar working on bioassay studies of seven native *Bacillus thuringiensis* isolates which were earlier proved as lepidopteran specific and their efficacy studies against the okra shoot and fruit borer, *Earias vittella* Fab. (Lepidoptera: Nolidae) under both laboratory and field conditions.

He is also working on the screening of selected okra genotypes, obtained from ICAR-IIHR, Bengaluru against fruit and shoot borer under field conditions and characterization of tolerant varieties for biophysical and biochemical factors like phenols, tannins and chlorophyll against *E. Vittella.* In future, he is planning to extend his research work on genetic diversity studies of *E. Vittella* from populations of different regions of Andhra Pradesh using molecular tools.

MANISH CHANDRA MEHTA

DEPARTMENT OF ENTOMOLOGY AND AGRICULTUAL ZOOLOGY, IAS, BHU, VARANASI, UTTARPRADESH, INDIA

Manish Chandra Mehta is pursuing his Ph.D. from Department of Entomology and Agricultural Zoology, Institute of Agricultural Sciences, Banaras Hindu University under the guidance of Dr. M. Raghuraman (Professor, Department of Entomology and Agricultural Zoology, BHU) and Dr. M. Mohan (Principal Scientist, ICAR-NBAIR, Bangalore). He is working on the estimation of genetic diversity of the Indian population of rice yellow stem borer, *Scirpophaga incertulas* (Lepidoptera: Crambidae) using SSR markers. The aim of the investigation is to identify intraspecific variation among the population of YSB collected from Northern, Central, Eastern and Southern states of India along with phylogenetic analysis and tree construction.

The molecular work is being conducted at ICAR-NBAIR, Bangalore and the field work for testing bio-efficacy of various synthetic, bio-pesticides and organic pesticides against YSB of Varanasi region, is being conducted at the Agricultural Farm of BHU. In future he is interested to work on the aspects of chronobiology and manipulation of the clock genes for pest management.

B. RAGHAVENDER

**DEPARTMENT OF ENTOMOLOGY,
PROFESSOR JAYASHANKAR TELANGANA
STATE AGRICULTURE UNIVERSITY,
HYDERABAD, INDIA**

B. Raghavender is pursuing his Ph.D. in Department of Entomology, PJTSAU, working on survey and mapping of brown planthopper (*Nilaparvata lugens*) incidence in southern Telangana zone and phenotypic, genotypic evaluation of elite rice genotypes for BPH resistance, under the supervision of Dr. P. Rajanikanth. He is working on host plant resistance which is one of the cornerstones of environmentally benign pest management systems. In this context, he conducted polyhouse screening of sixty-two rice genotypes against rice BPH among which 10 genotypes showed resistance against BPH were taken for biochemical analysis and molecular characterization using SSR markers. In addition to that he is working on digital mapping of BPH endemic areas in south Telangana zone in correlation with weather parameters and composite map will be generated using ArcGIS.

MOGILI RAMAIAH

**DIVISION OF ENTOMOLOGY,
ICAR-INDIAN AGRICULTURAL RESEARCH
INSTITUTE, NEW DELHI, INDIA**

Mr. Mogili Ramaiah, Ph.D. scholar at Division of Entomology, ICAR-IARI, working on the "Biosystematics studies on leafhopper (Hemiptera; Cicadellidae) species associated with bamboo from India", under the guidance of Dr. Naresh M. Meshram (Senior Scientist). His research work comprises of collection leafhopper specimens from different locations of India by both light traps and net sweeping, followed by its processing (sorting, card mounting and labelling) and identification. He intends to prepare the detailed description, diagnostic keys and photographic illustration of characters for ready identification of the bamboo leafhoppers up to genus and species level. Further, DNA barcodes reference library will be generated for easy identification of the species. Knowledge about bamboo leafhoppers is very scanty in India. His study will be able to provide a holistic view of host distribution of bamboo leafhopper and the combined molecular data.

Ms. Arya P. S., Mr. Priyankar Mondal, Ms. Aparna S, Student Associate Editors of IE compiled the information for this section.