

**GAMIT SWATI SURESHBHAI**

DEPARTMENT OF AGRICULTURAL ENTOMOLOGY,
ANAND AGRICULTURAL UNIVERSITY, ANAND,
GUJARAT, INDIA

Ms. Swati Sureshbhai Gamit is pursuing her M.Sc. from Department of Agricultural Entomology, B. A. College of Agriculture, Anand Agricultural University. She is working on inventory of plant mites & management of two spotted spider mite (*Tetranychus urticae* Koch) in okra under the guidance of Dr. C. B. Varma, Assistant Research Scientist. Her research work comprises of collection of plant mite specimens from different available fauna of AAU campus followed by its processing and identification. She intends to prepare the list of plant mite species present in the campus which represents the middle Gujarat region. She is also working on the seasonal occurrence of two spotted spider mites, *T. urticae* infesting okra & the occurrence of mites population correlate with different weather parameters. Further, efficacy studies of latest acaricides against the okra mite *T. urticae* under both laboratory & field condition by using standard methodology. In future she is interested to work on the aspects of DNA barcoding which is used for generating reference library for easy identification of the mite species.

**B. L. MANISHA**

DEPARTMENT OF ENTOMOLOGY, S.V. AGRICULTURE
COLLEGE, TIRUPATI, ACHARYA N.G. RANGA
AGRICULTURAL UNIVERSITY, ANDHRA PRADESH, INDIA

B. L. Manisha is pursuing her doctoral degree from department of entomology at S.V. Agricultural College, Tirupati, Andhra Pradesh on distribution pattern, host suitability, molecular variability and management of *Spodoptera frugiperda* on maize under the chairmanship of Dr. N.C. Venkateswarlu and guidance of Dr. M.S.V. Chalam. Her research work encompasses of collection of fall armyworm (FAW) specimens confined to rayalaseema region of Andhra Pradesh to contemplate molecular variation within the population on host crops viz., ragi, maize, black gram and cabbage as well as to study host suitability under greenhouse conditions, studying the larval and adult taxonomic characters to give a complete species description. She intends to examine the impact of intercropping systems using push pull strategy for management of fall armyworm entailing wide host range viz., maize, black gram, ragi, korra, radish, field bean, cauliflower, cowpea and onion. She is also working on evaluation of IPM modules in management of fall armyworm apart from assessment of distribution pattern by correlating with different weather parameters.



SOURAV SEN

DEPARTMENT OF ENTOMOLOGY, ASSAM
AGRICULTURAL UNIVERSITY, JORHAT, ASSAM,
INDIA

Sourav Sen is pursuing his M.Sc. (Ag.) under the supervision of Dr. Shimantini Borkataki. He is working on stingless bee (*Tetragonula iridipennis* Smith) under the AICRP on Honey bees and Pollinators. He is studying foraging activity and pollination efficiency of stingless bee in cucumber under the poly-house ecosystem as well as to find out the changing patterns of brood, pollen and honey areas of stingless bee in three different kinds of wooden hives and correlate them with several meteorological parameters. His experiments also aimed to observe different pollen and nectar sources of stingless bee throughout the year in the Jorhat campus of AAU. He believes that his experiment will help the future pollination projects by stingless bees especially under the protected condition. In future, he wants to continue his research on wild bees, their taxonomy, behaviour, interaction with different wild flora and fauna.



KRITI SINGH

DEPARTMENT OF AGRICULTURAL ENTOMOLOGY,
BIDHAN CHANDRA KRISHI VISWAVIDYALAYA,
MOHANPUR, NADIA, WEST BENGAL, INDIA

Kriti Singh is a PhD scholar and currently working on the identification and distribution of aphids from the lower gangetic plains of West Bengal, India under the guidance of Dr. Kusal Roy (Associate Professor). Her work is aimed at the identification of different species of aphids using morph-taxonomic methods. It also includes the preparation of a checklist of the different aphid species prevalent in the lower gangetic plains of West Bengal. This research would help to discover new species of aphids and report new host plants being occupied by the existing and new species. She believes that her research outcomes will enrich the knowledge of Indian aphid diversity and will give direction to manage pestiferous aphid species in agricultural and forest ecosystems. In future she would like to continue this research, expanding it all over West Bengal as well as to a wider variety of host plants. She would also like to incorporate molecular methods for more precise identification of different species.

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