

## Curriculum Vitae



### Dr. Sabbithi Pavan

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### Academic Qualifications:

Course	Board/University	Year of Completion
Ph.D. (Entomology)	C.C.S. Haryana Agricultural University- Hisar, Haryana, College of Agriculture- Hisar, UGC-JRF&SRF, 2012, (ICAR-without SRF) All India 20 <sup>th</sup> Rank, 2010	2016
ASRB-NET	ASRB-ICAR, New Delhi	2013
M.Sc. (Agricultural Entomology)	University of Agricultural Sciences –Dharwad, Karnataka College of Agriculture- Dharwad, (ICAR-Junior Research Fellow) All India 35 <sup>th</sup> Rank, 2008	2010
B.Sc. (Agriculture)	Acharya N. G. Ranga Agriculture University- Hyderabad, Andhra Pradesh, College of Agriculture- Bapatla	2008
Intermediate	Board of Intermediate Education, Andhra Pradesh Pragati Junior College, Kakinada	2002
S.S.C.	Board of Secondary Education, Andhra Pradesh Don Bosco School, Ravulapalem	1999

### Professional Experience:

Sl. No	Place of Work	Position/Duration/Brief Role
1.	Integrated Pest Management Division, DPPQ&S, DA&FW, GOI, Faridabad, Haryana.	<b>Position:</b> Assistant Plant Protection Officer (Entomology) <b>Duration:</b> From November 2016-September 2020 <b>Brief Roles:</b> Reviewed proposal submissions from various institutes and drafted replies, handled correspondence with various stakeholders, collected, and compiled pest dynamics data and mapped various key pests from all over the country, prepared timely and need based pest management advisories, served as a resource person in various training programs. Assisted Insecticide inspector for drawing samples in the premises of pesticide firm as per the instruction of Techno legal cell (TLC) in Haryana
2.	Locust Division, DPPQ&S, DA&FW, GOI, Faridabad, Haryana. Locust Circle Office (LCO), DA&FW, GOI - Barmer, Jaisalmer, Bikaner, Suratgarh, and Locust Warning Organization-(LWO) Jodhpur, Rajasthan.	<b>Position:</b> Assistant Plant Protection Officer (Entomology) <b>Duration:</b> Deputed for about six months, during Locust National emergency, both on and off sites, in between the year 2019- 2020 <b>Brief Roles:</b> Engaged in desert Locust survey and surveillance, mapped surveyed regions, and conducted control operations in western Rajasthan and Indo-Pak border.

3.	Plant Quarantine Division, Regional Plant Quarantine Station (RPQS), DA&FW, GOI, Chennai, Tamil Nadu.	<p><b>Position:</b> Assistant Plant Protection Officer (Entomology)  <b>Duration:</b> From October 2021 – May 2023  <b>Brief Roles:</b> Performed quarantine inspections on import and export consignments to prevent the spread of invasive pests. Intrespeted several quarantine significant pests, laboratory testing of consignments, and taxonomic identification of intercepted Insects. Supervised fumigation, disinfestation, and disinfection procedures to control infestations or infections.  Assisted Insecticide inspector for drawing samples in the premises of pesticide firms as per the instruction of Techno legal cell (TLC) in Telangana and Tamil Nadu.</p>
4.	Department of Entomology School of Agricultural Sciences, Medziphema, Nagaland University, Nagaland (A Central University established by an Act of Parliament No.35 of 1989)	<p><b>Position:</b> Assistant Professor  <b>Duration:</b> From May 2023 - Present  <b>Brief Roles:</b> Teaching various courses in Entomology for BSc. (Ag), MSc. (Ag) Entomology and PhD. Entomology students. Member of Farmers cell- Apprising the local farmers regarding pest management practices.</p>

<b>Training Programs and Professional Development</b>	
1.	Go4BioDiv International Youth Forum 2012, Conserving Costal and Marine Biodiversity for Sustaining Life and Livelihoods, held in Sundarbans, West Bengal, and CBD- COP11 Hyderabad (Andhra Pradesh) from 06.10.2012 to 19.10.2012. Represented the state of Andhra Pradesh, as Youth Messenger, Go4BioDiv 2012 at CBD-COP 11
2.	Completed a training program on Scientific Beekeeping and Integrated Pest Management in crops, held at C.C.S. HAU –Hisar, Haryana from 13.01.2014 to 29.01.2014
3.	Attended International Sustainability School, Organized by Hands on Institute, held at Nepal from 15.06.2014 to 26.06.2014. I was awarded with a title ‘Sustainability Fellow’
4.	Completed a course on Insect Taxonomy and Field sampling skills (Apidae: social and solitary bees-pollinators), in the Department for continuing education, University of Oxford, United Kingdom from 23.03.2015 to 27.03.2015.
5.	Completed a course on Basics of Taxonomy: describing, illustrating, and writing biodiversity, DEST Modern Taxonomy course program 2014-2015, in five modules. Learning the computer program DELTA (DEscription Language for TAXonomy), Vectorbased digital illustration technique, Scientific writing and communication, Scratch Pad, Different methods to make a scientific illustration (equivalent to 5 ECTS) at Sven Loven Centre for Marine Sciences, Kristineberg, Goteborg University, Sweden from 05.10.2015 to 16.10.2015.
6.	Completed Twenty-one days training program on “Basic Biotechnology and Bioinformatics Tools” from Department of Animal Biotechnology, COVS, LLR University of Veterinary and Animal Sciences, Hisar, Haryana from 02.06.2016 to 22.06.2016.
7.	Completed a five days training program on ‘Quarantine Pathogens: Seed Health Testing and Molecular Diagnostic Techniques’ at National Institute of Plant Health Management-Hyderabad from 17.04.2017 to 21.04.2017.
8.	Completed twenty-one days Induction training program on ‘Integrated Pest Management’ at National Institute of Plant Health Management-Hyderabad from 23.08.2018 to 12.09.2018.
9.	Completed a five days training program on ‘Plant Quarantine Procedures for Import and Export’ conducted by National Institute of Plant Health Management-Hyderabad from 26.04.2021 to 30.04.2021 through online mode.
10.	Completed a three days ICT Workshop on capacity building organized by Nagaland University: School of Agricultural Sciences, Medziphema campus in collaboration with National Institute of Educational Planning & Administration (NIEPA), New Delhi from 04 <sup>th</sup> -06 <sup>th</sup> March 2024.

<b>Conferences, Symposiums, Seminars, Webinars Attended</b>	
1.	Gave oral presentation on Studies on biological control of two aquatic weeds in southern India in the 2 <sup>nd</sup> Indian Youth Science Congress held at SRM University, Chennai, Tamil Nadu, held from 26.06.2010 to 28.06.2010. Abstract published in page number 140
2.	Participated in National Seminar: on Botanicals in IPM- Present status and future prospects, held at ANGRAU- Agricultural College, Bapatla, Andhra Pradesh on 26.06.2013.
3.	Participated in First International and Third National Conference: Biotechnology, Bioinformatics and Bioengineering conducted by The Society for Applied Biotechnology held at, Tirupati, Andhra Pradesh from 28.06.2013 to 29.06.2013.
4.	Participated in NASA-2014, International Symposium on New – Dimensions in Agrometeorology for Sustainable Agriculture, held at G.B. Pant University of Agriculture & Technology, Pantnagar from 16.10.2014 to 18.10.2014.
5.	Presented Poster Presentation on Screening of promising chickpea ( <i>Cicer arietinum</i> L.) genotypes against <i>Helicoverpa armigera</i> (Hubner) in international conference on Changing Scenario of Pest Problems in Agri-horti Ecosystem and their Management, held at Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan from 27.10.2014 to 29.10.2014. Abstract published in page number
6.	Presented Poster Presentation on Estimation of avoidable yield losses in Chickpea ( <i>Cicer arietinum</i> L.) genotypes caused by <i>Helicoverpa armigera</i> (Hubner) in 4 <sup>th</sup> Congress on Insect Science (CIS-4) on Entomology for Sustainable Agriculture held at Punjab Agricultural University, Ludhiana, Punjab from 16.04.2015 to 17.04.2015. Abstract published in page number
7.	Participated in one day international webinar on Desert Locust <i>Schistocerca gregaria</i> (Forsk.) International scenario and potential threat to India” Conducted by National Institute of Plant Health Management-Hyderabad on 02.07.2021.
8.	Seasonal long Training Programme (SLTP) on IPM in Gram (Rabi)2016-17 Raipur (C.G) (09.01.2017 to 07.02.2017) served as a Resource person.
9.	Seasonal long Training Programme (SLTP) on IPM in Chilies (Rabi) 2017-18 Garikapadu (Andhra Pradesh) (04.01.2018 to 11.01.2018) served as a Resource person.
10.	Two days Human resource development (HRD) training Programme on Rugose Spiralling Whitefly (RSW) on coconut, Oil palm and other Horticultural Crops, Kadiyam, East Godavari District, Andhra Pradesh, from 27.04.2018 to 28.04.2018 served as a Resource person.
11.	Two days Human resource development (HRD) training Programme on Rugose Spiralling Whitefly (RSW) on coconut and other Horticultural Crops, Ambajipeta, East Godavari District, Andhra Pradesh, from 13.06.2018 to 14.04.2018 served as a Resource person.
12.	National Seminar on Sustainable Emerging Approach in Agri-Business Development, Department of Agricultural Economics, Nagaland University, School of Agricultural Sciences, Medziphema Campus w.e.f. 1 <sup>st</sup> -3 <sup>rd</sup> November, 2023 served as a Rapporteur
13.	Training on Scientific Meliponiculture and Apiculture for increasing farmers income and entrepreneurship development cum input distribution under NEH Programme, ICAR-AICRP on Honey Bees & Pollinators on 16.02.2024 served as a Co-chairman.
14.	One-Day Skill Development Training on Enhancing Employability through Soap Making and Making of Detergent Powder Training among Rural Women, Organized by Farmers cell, Nagaland University, School of Agricultural Sciences, Medziphema Campus on 01.03.2024 served as a Rapporteur

<b>Selected Publications</b>	
1.	Kumar Ghorpade, K.Durga Prasad and Sabbithi Pavan. 2011. Hover flies (Diptera: Syrphidae) of the Coromandel Coast in Andhra Carnatic, Peninsular India. <i>Bionotes</i> . 13(2): 78-86.
2.	Sabbithi Pavan, K.K. Dahiya. 2016. Effect of weather parameters on the incidence of <i>Helicoverpa armigera</i> (Hubner) on Chickpea ( <i>Cicer arietinum</i> L.) crop. <i>Progressive Research an International Journal</i> . Vol.11, Special issue (2016): 2705-2707.
3.	Sabbithi Pavan, K.K. Dahiya, Roshan Lal. 2016. Estimation of Avoidable yield losses in Chickpea ( <i>Cicer arietinum</i> L.) genotypes caused by <i>Helicoverpa armigera</i> (Hubner). <i>Progressive Research an International Journal</i> . Vol.11, Special issue (2016): 2708-2710.
4.	Sabbithi Pavan, K.K. Dahiya, Ngangom Uma Devi, Roshan Lal. 2017. Evaluation of different IPM Modules and Screening of Promising Chickpea ( <i>Cicer arietinum</i> L.) genotypes against <i>Helicoverpa armigera</i> (Hubner) at Hisar. <i>GREEN FARMING (International Journal of Applied Agricultural and Horticultural Sciences)</i> . Vol.8, Issue No.1 (January-February, 2017): 194-199.
5.	Sabbithi Pavan, K.K. Dahiya, Ngangom Uma Devi, Roshan Lal. 2017. Evaluation of different IPM Modules and Screening of Promising Chickpea ( <i>Cicer arietinum</i> L.) genotypes against <i>Helicoverpa armigera</i> (Hubner) at Hisar. <i>GREEN FARMING (International Journal of Applied Agricultural and Horticultural Sciences)</i> . Vol.8, Issue No.1 (January-February, 2017): 194-199.
<b>Book Chapter</b>	
1	Ngangom Uma Devi, Sabbithi Pavan, Kavada Sankara Rao.2019. Chapter-5, Soil Faunal Diversity and Their Functional Roles in Enhancing the Soil Fertility. In: <i>Current Research in Soil Fertility, Volume-1</i> . Delhi: AkiNik Publications; pp. 77-92.

<b>M.Sc. &amp; Ph.D. Research Details</b>	
1.	Title: "Survey of Aquatic Weeds, Biology of <i>Cyrtobagous salviniae</i> (Calder and Sands) and ecofriendly management of <i>Salvinia molesta</i> Mitchell. 2010, University of Agricultural Sciences-Dharwad, Karnataka.
2.	Title: "Evaluation of promising chickpea ( <i>Cicer arietinum</i> L.) genotypes and validation of IPM modules against <i>Helicoverpa armigera</i> (Hubner)" 2016, C.C.S. Haryana Agricultural University- Hisar, Haryana.

<b>Area of Expertise/ Thrust Areas</b>
Insect Taxonomy, Systematics, IPM and Plant Quarantine & Biosecurity

### DECLARATION

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.

Date: 09-03-2024

Station: Medziphema



(SABBITHI PAVAN)