

PROFORMA OF FACULTY PROFILE



Name: Dr. Hijam Shila Devi

Current designation: Assistant professor

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Contact address: Department of Entomology

SASRD, NU, Medziphema-797106

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Date of joining the institution: 07-03-2016

Education Qualifications

Year	Qualification	Institute	CGPA/ %
2014	Ph.D	College of Agriculture, PAU, Ludhiana	7.7/10
2012	M.Sc. (Entomology)	College of Agriculture, OUTA, Bhubaneswar	90.2%, Gold Medallist
2008	B.Sc.(Agriculture)	Assam Agricultural University, Jorhat	76.0%

Academic experience: 8 years

Research area/ field of specialization: Economic Entomology

Research guidance : 7 students of M. Sc. (Ento)

Publications

Full length paper	
	<ul style="list-style-type: none">• Jesonkere Sutnga, H. Shila Devi*, Imtinaro L., Damitre Lytan, Waluniba, Susanta Banik and Sabbithi Pavan, 2024. Population Dynamics of Cabbage aphid, <i>Brevicoryne brassicae</i> L. on Five Brassicae species viz. Cabbage, Cauliflower, Broccoli, Chinese cabbage and Radish. Biological Forum – An International Journal, 16(1): 47-52.• B. Longkumer, Pankaj Neog, Waluniba and H.S. Devi. 2023. Effect of sowing dates and cultivars on the incidence of <i>Spodoptera frugiperda</i> (J.E. Smith) on maize (<i>Zea mays</i> L.) in Nagaland, India. Entomon, 48(3): 427-432.• Rhodesh Salam, Hijam Shila Devi, Yengkhom Suraj Singh, Imtinaro L., H. Meronbala Devi and Waluniba, 2023 (May-June), Incidence of major insect pests of tomato influenced by environmental factors in Western Manipur, International Journal of Innovative Horticulture, 12 (1):109-113.• Imnuksungla Lemtor, Imtinaro L., Rokozeno and Hijam Shila Devi, 2023 (May-June), Efficacy of different trap crops against serpentine leaf miners in Tomato (<i>Solanum lycopersicum</i> L.), International Journal of Innovative Horticulture, 12 (1): 122-125.• Rhodesh Salam, H Shila Devi, Pankaj Neog, L. Imtinaro, Y Suraj Singh, H Meronbala Devi and W Ramdas Singh, 2023 (June), Efficacy of insecticides against major insects of tomato in Manipur, International Journal of Environment and Climate Change, 13(8): 911-920.• W. Shangkok Konyak, Hijam Shila Devi, A. K. Sahu, Yengkhom

	<p>Suraj Singh, Hijam Meronbala Devi and Imtinaro L. 2023 (March), Diversity and population dynamics of fruit fly in bottlegourd and its correlation with abiotic factors in Nagaland, Biological Forum – An International Journal, 15(3): 379-385.</p> <ul style="list-style-type: none"> • Lakshu Pungyambam, Waluniba, Hijam Shila Devi, Narola Pongener and Moakala Changkiri, 2023 (January-March), Seasonal incidences of major insect pests of cabbage, <i>Brassica oleracea</i> var. <i>capitata</i> L. Environment and Ecology, 41 (1B): 385-388. • Pura Sunya, Hijam Shila Devi, Pankaj Neog, Narola Pongener and Debika Nongmaithem, 2023 (April-June), Dominance of fruit fly species (Diptera: Tephritidae) in cucumber under foot hills of Nagaland, Environment and Ecology, 41 (2): 861-866. • Hage Kania, Narola Pongener, Hijam Meronbala Devi, Hijam Shila Devi and N Tiameren Ao, 2023, Effect of rice rhizospheric <i>Trichodermaspp</i> and fungicide for the management of brown spot disease of rice. Oryza (Accepted). • S Romio Singh, N TiamerenAo, H Meronbala Devi, Sh. Herojit Singh, A Debbarma, L Daiho and Hijam S Devi, 2022 (December), Efficacy of different levels of NPK against anthracnose of king chilli (<i>Capsicum chinense</i>) caused by <i>Colletotricum gloeosporioides</i> (Penz.) and impact on their growth parameters and yield in Manipur, International Journal of Environment and Climate Change, 12 (12): 637-647. • T Kezo, Hijam S Devi, Y Suraj Singh and D Lytan, 2022, Species abundance of soil arthropods in pigeon pea ecosystem under Nagaland conditions, International Journal of Farm Sciences, 12 (3): 78-83. • Arentola Lemtor, Susanta Banik, L Daiho, Hijam Shila Devi, Pankaj Shah and Gundurao. 2022 (September). Effect of colchicine-induced mutants of <i>Trichoderma harzianum</i> on plant pathogens, Journal of Mycopathological Research, 60 (3): 427-434. • W Ramdas Singh, Hijam Shila Devi, S Kumawat, Abdul Sadam, Aneesha VA, Madhuri Patel, Madhu CL, Singh TU and Dinesh Kumar, 2020, Icariin lessened pain perception and ameliorated cutaneous wound healing in rats, Journal of pharmacognosy and phytochemistry, 9 (5): 814-819. • Siraj Miah, Hijam Shila Devi, Waluniba, 2021, Insect pest complex of Pumpkin (<i>Cucurbita moschata</i> Duch. ex Poir.) and their incidence on different three sowing dates under foot hill conditions of Nagaland, Indian Journal of Hill Farming, 34(2): 138-143. • Wangkheirakpam Ramdas Singh, Anshuk Sharma, Hijam Shila Devi, Anjali Bhatia, Madhuribahen Ratishkumar Patel, Dinesh Kumar. 2022. Icariin improves cutaneous wound healing in streptozotol-induced diabetic rats, Journal of Tissue Viability, 31 (1): 197-206. • Wangkheirakpam Ramdas Singh, Hijam Shila Devi, Sanjay Kumawat, Abdul Sadam, Aneesha V. Appukuttan, Madhuri R.
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	<p>Patel, Madhu C. Lingaraju, Thakur V. Singh, Dinesh Kumar. 2019. Angiogenic and MMPs modulatory effects of icariin improved cutaneous wound healing in rats, <i>European journal of pharmacology</i>, 858: 172466</p> <ul style="list-style-type: none"> • Sachin Sharma, P. C. Parthania and Hijam Shila Devi, 2016, Studies on genus <i>Theretra</i> Hubner (Lepidoptera: Sphingidae) from North-West Himalaya, India, <i>Ecology, Environment and Conservation</i>, 22 (April Suppl.), 45-50. • Hijam S. Devi and D. R. Sharma, 2016, Biology of citrus psylla, <i>Diaphorina citri</i> Kuwayama on different host plants in Punjab, <i>Journal of Insect Science</i>, 29(1), 77-82. • D. R. Sharma, Gurjeet Singh and Hijam S. Devi, 2015, Population Dynamics of Citrus Leaf miner, <i>Phyllocnistis citrella</i> Stainton on Kinnow and Rough Lemon, <i>Indian Journal of Ecology</i>, Volume 42 (1): 50-53. • Hijam S. Devi and D. R. Sharma, 2014, Biology of citrus psylla, <i>Diaphorina citri</i> Kuwayama on three host plants during summer season, International conference on “Crop productivity and sustainability - Shaping the future” held on 20th -21st March, 2014 on Bathinda, pp. 78-80. (Full length paper in proceedings of symposium) • Hijam S. Devi and D. R. Sharma, 2014, Impact of abiotic factors on build-up of citrus psylla, <i>Diaphorina citri</i> Kuwayama population in Punjab, India, <i>Journal of Applied and Natural Science</i>, 6(2), 371-376. • Hijam S. Devi and D. R. Sharma, 2013, Population dynamics of citrus psylla on Kinnow mandarin under Punjab conditions, <i>Journal of Insect Science</i>, 26(2), 162-166. • Hijam S. Devi and D. R. Sharma, 2013, Comparative biology of citrus psylla, <i>Diaphorina citri</i> Kuwayama on three host plants during spring season, <i>Journal of Insect Science</i>, 26(1), 121-125. • L. N. Mohapatra, B. K. Sontakke and Hijam S. Devi, 2011, Studies on Diurnal abundance and foraging behaviour of different insect pollinators on mustard in Bhubaneswar conditions, <i>Journal of Plant Protection and Environment</i>, 8(2), 96-99. • Hijam S. Devi, B. K. Sontakke, L. N. Mohapatra and Jayaraj Padhi, 2011, Influence of weather on the colony characteristics and foraging activity of <i>Apis mellifera</i> Linnaeus in coastal Orissa, <i>Journal of Applied Zoological Researches</i>, 22(1), 67-70. • Hijam S. Devi, B. K. Sontakke, L. N. Mohapatra and J. Padhi, 2011, Foraging activities of Italian bee, <i>Apis mellifera</i> L. on mustard under coastal conditions of Orissa, <i>Journal of Plant Protection and Environment</i>, 8(1), 34-38.
<p>Short communication</p>	<ul style="list-style-type: none"> • Minpi Rallen, M. Alemla Ao and Hijam S. Devi, 2018, Insect Pest Complex and effect of different sowing dates on two major insect pests of King Chilli, <i>Capsicum Chinense</i> Jacq., International Conference on

	<p>Climate Change, Biodiversity and Sustainable Agriculture” held during 13-16th december, 2018 at Jorhat, Assam, India, pp. 233-234.</p> <ul style="list-style-type: none"> • Hijam S. Devi, D. R. Sharma and H. S. Rattanpal, 2014, Host plants of Citrus Psylla, <i>Diaphorina citri</i> in Punjab, National Symposium on Crop Improvement for Inclusive Sustainable Development, held on 7-9 November, 2014 in Ludhiana, pp. 969-971. • Hijam S. Devi, B. K. Sontakke, and L. N. Mohapatra, 2011, Brood rearing activities of <i>Apis mellifera</i> L. in coastal Orissa, Indian Journal of Entomology, 73(4), 382-385. • Hijam S. Devi, B. K. Sontakke and L. N. Mohapatra, 2009, Foraging behaviour of the Italian Honey bee, <i>Apis mellifera</i> L., on sunflower under coastal conditions of Orissa, Pest Management and Economic Zoology, 17(2), 221-224.
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Book chapters/Book

1.	<ul style="list-style-type: none"> • Hijam Meronbala Devi, Emekamwamut Nongtdu, LH Jonathan Vanlalruata, M Indira Devi, Hijam Shila Devi and Laishram Hemanta, 2023, Role of Nanotechnology in plant disease management, pp. 1686-1695. In: Nagaratna Biradar, Rayees Ahmad Shah and Adil Ahmad (eds.). Recent Advances in agricultural sciences and technology, Dilpreet Publishing House, Ariana Publishers & Distributors, New Delhi-110018 (India).
2.	<ul style="list-style-type: none"> • Imtinaro L, Rokozeno, Waluniba and Hijam Shila Devi, 2023, Entomophagy-why you should eat insects?, pp. 1628-1634. In: Nagaratna Biradar, Rayees Ahmad Shah and Adil Ahmad (eds.). Recent Advances in agricultural sciences and technology, Dilpreet Publishing House, Ariana Publishers & Distributors, New Delhi-110018 (India).
3.	<ul style="list-style-type: none"> • Rokozeno, Imtinaro L, Waluniba and Hijam Shila Devi, 2023, Insects as an alternative feed for poultry, pp. 1377-1382. In: Nagaratna Biradar, Rayees Ahmad Shah and Adil Ahmad (eds.). Recent Advances in agricultural sciences and technology, Dilpreet Publishing House, Ariana Publishers & Distributors, New Delhi-110018 (India).
4.	<ul style="list-style-type: none"> • Hijam Shila Devi, Imtinaro L., Susanta Banik, Hijam Meronbala Devi, Laishram Hemanta, W Ramdas Singh and Arshdeep Kaur, 2023, Benefits and challenges of using pesticides in crop protection, pp. 401-408. In: Nagaratna Biradar, Rayees Ahmad Shah and Adil Ahmad (eds.). Recent Advances in agricultural sciences and technology, Dilpreet Publishing House, Ariana Publishers & Distributors, New Delhi-110018 (India).
5.	<ul style="list-style-type: none"> • Hijam Meronbala Devi, Narola Pongener, Hijam Shila Devi and Laishram Hemanta, 2022, Effect of plant nutrition on development of plant diseases, pp. 153-163. In: Ashirbachan Mahapatra, Dwity Sundar Rout, Chandrasekhar Sahu and Diptau Banik (eds.). Advances in agriculture and allied technologies, AkiNik Publications, New Delhi.
6.	<ul style="list-style-type: none"> • Wangkheirakpam Ramdas Singh, Hijam Shila Devi, Soya Rungsung, Kierutheile Thou and Gunjan Das, 2022, Medicinal compounds from natural products in North-East India, pp. 267-276. In: Ashirbachan Mahapatra, Dwity Sundar Rout, Chandrasekhar Sahu and Diptau Banik (eds.). Advances in agriculture and allied technologies, AkiNik Publications, New Delhi.
7.	<ul style="list-style-type: none"> • Hijam Shila Devi, Wangkheirakpam Ramdas Singh, Laishram Hemanta Singh, Avinash Chauhan and Hijam Meronbala Devi, 2022, Impact of climate change on insect pests and mitigation measures, pp. 277-286. In: Ashirbachan Mahapatra, Dwity Sundar Rout, Chandrasekhar Sahu and Diptau Banik (eds.). Advances in agriculture and allied technologies, AkiNik Publications, New Delhi.

8.	<ul style="list-style-type: none"> Y Somi Singh, L Hemanta, P Minerva, M Preema Devi, H Shila Devi and H Meronbala Devi, 2022 (June), Indigenous organic farming practices, pp. 110-124. In: Uma (ed.), Indigenous development in agriculture under Covid-19 pandemic, Mkses Publications, Lucknow, India.
9.	<ul style="list-style-type: none"> W. Ramdas Singh, Debasish Behera, Hijam S. Devi and P. H. Patra, 2013, Application of Indigenous Technical knowledge for treating ectoparasitic infestations in animals, pp. 233-240. In: Ratan Kumar Saha, Dilip Nath and Himadri Saha (eds). Ancestral knowledge in Agri- Allied Science, New India Publishing Agency, New Delhi.
10	<ul style="list-style-type: none"> D. R. Sharma, Hijam Shila Devi and P. K. Arora, 2011, Influence of fruit tree architecture and orchard landscape on biodiversity and management of insect and mite pests. pp. 262-274. In: WS Dhillon, PPS Gill and Nav Prem Singh (eds.). Tree Architecture Engineering and Management of Sub-tropical Fruits.

Orientation/Refresher courses/Seminar/Conference/Training/Workshop attended:

<ul style="list-style-type: none"> 21 days Winter School on Agri-Business, ICT and block chain sponsored by Education Division, ICAR, KAB-II, New Delhi organised by Department of Agricultural Economics, SAS, Nagaland University, Medziphema, Nagaland. Presented oral paper in International Conference on Multidisciplinary Research & Innovation organized by Internal Quality Assurance Cell (IQAC) St. Joseph University, Dimapur on 9th & 10th November, 2023. Presented oral paper in International Conference on Natural farming for Revitalizing Environment and Resilient Agriculture organized by CAU, Imphal on 17th-19th March, 2023 at Imphal. Presented poster paper in National Seminar on “Horticulture for Sustainable Development, Nutritional and Livelihood Security” held at UBKV, Cooch Behar, West Bengal, 26-27th May, 2022. Presented oral paper in International Conference on “Advances in agriculture technology and allied sciences” organised by Society of Agriculture Research and Social Development, MS Swaminathan School of Agriculture, Centurion University of Technology and Management and ARRW, NRRI, June 4-5, 2022. Presented oral paper in National Conference on “Arthropology: Biological diversity and affinities – a critical rethinking of the enduring issues in India” sponsored by DST-SERB organized by St. Joseph University, Dimapur, 16-18 March, 2022. International workshop on “Advance statistical and data analysis using SPSS” through online mode organised by Science Tech Institute, Lucknow, UP, India, 21st to 27th September, 2021. 21 days Refresher course (National Training Program) on “Biophysical and socioeconomic interaction in Agroforestry” through online mode sponsored by Punjab Agricultural University, Ludhiana from 16th 5ecember to 8th march, 2021 21 days on 49th Orientation Programme in NEHU, Meghalaya sponsored by UGC- human resource development centre, NEHU on 14th October to 3rd Nov., 2019. International Organic Forum Niathu resort Dimapur sponsored by NOK & IFOAM, Asia on 29th nov., 2019. Participated in “Biennial group meeting of All India Coordinated Research Project on honey bees and pollinators” organised by SASRD, Nagaland University, Medziphema, 5ecember on 7-9th March, 2019. Participated in the “Sensitization Workshop on dst-women scientist scheme”, jointly organised by DST, New Delhi And Nagaland University at SASRD, Medziphema. During March 4-5, 2019
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- Presented a paper in “International Conference on Climate Change, Biodiversity and Sustainable Agriculture” held during 13-16th 6ecember, 2018 at Jorhat, Assam, India.
- 10 days short course on “Development of Agri-entreneurship in NEH region: a way for doubling the farmer’s income” organised by ICAR research complex for NEH region, Nagaland Centre, Medziphema from 27th 6ecember to 6th 6ecember, 2018.
- Training on fruit-fly: surveillance & management organized by National Institute Of Plant Health Management, Hyderabad, 26th 6ecember to 02nd march 2018.
- Model Training Course on Eco-Friendly Pest Management of Stored Grains Pests organized by Department Of Entomology, SASRD, NU, Medziphema, 6th-13th 6ecember, 2017.
- Participated as Rapporteur in National Seminar on “Crop Protection: Current Trends And Future Perspective” organized by Department of Plant Pathology, Entomology And Agronomy, SASRD, 16th-18th November, 2017.
- Training on biotechnology and its application in agriculture organized by biotech hub, SASRD, 3rd to 9th june, 2016.
- Training on molecular biology techniques organized by biotech hub, dept. of fish and genetics and reproduction, CAU, Lembucherra, Tripura, 22nd -29th 6ecember, 2016.
- 10 days short course on Integrated farming system approaches for sustainable hill agriculture under changing climatic scenario organized by ICAR research complex for NEH region, Lembucherra, Tripura, 28th 6ecembe to 6th 6ecember 2015.
- Workshop on insect taxonomy organised by Department of Zoology and Environmental Sciences, Punjabi University, Patiala, march 9, 2015.
- International Conference on crop productivity & sustainability-shaping the future, organised by Baba Farid College, Bathinda, march 20th-21th, 2014
- International Conference on sustainable agriculture for food & livelihood security, organised by PAU, Ludhiana, November 27th-29th, 2012
- National Seminar on biotechnology approaches in pest management, organized by PAU, Ludhiana, may 4-5, 2012
- 3rd congress on insect science, organised by indian society for the advancement of insect science, PAU, Ludhiana, april 18th -20th, 2011
- Honey Festival cum bee keeping experience exchange workshop organised by PAU, Ludhiana, 6ecember 22nd-24th, 2011.
- National Symposium emerging trends in pest management strategies under changing climatic scenario, organised by society for Plant Protection & Environment, Dept. Of Entomology, College Of Agriculture, Orissa University Of Agriculture & Technology, Bhubaneswar, 6ecember 20th -21st 2010.
- National Symposium emerging trends in pest management strategies under changing climatic scenario, organised by society for plant protection & environment, Dept. Of Entomology, College Of Agriculture, Orissa University Of Agriculture & Technology, Bhubaneswar, 6ecember 20th - 21st 2010.

Committee member

- Committee Member for Monitoring and Evaluation of ATMA activities in Nagaland on behalf of 3rd party assigned to SASRD, Nagaland University, Medziphema Campus, 2020.

- Member of the Local Organising Committee of the Workshop In The “Sensitization Workshop On Dst-Women Scientist Scheme”, Jointly Organised by DST, New Delhi And Nagaland University at SASRD, Medziphema. During March 4-5, 2019
- Course Coordinator in Model Training Course on Eco-Friendly Pest Management of Stored Grains Pests organized by Department of Entomology, SASRD, NU, Medziphema, 6th-13th December, 2017.
- Co-Convenor in Technical Committee in National Seminar on “Crop Protection: Current Trends And Future Perspective” organized by Department of Plant Pathology, Entomology And Agronomy, SASRD, 16th-18th November, 2017.

Lectures Delivered:

Topic/ Title of the Lecture	Name of the Programme	Organised by	Date	Whether Academic or Social. Etc.	Level International/ National/ Regional
Preventive and curative stored grain pests	Model Training Course on eco-friendly pest management of stored grains pests	Department of Entomology, SASRD, NU	6-13 th Dec 2017	Academic	Regional
Importance on beekeeping	Exposure cum Training Programme to SASRD, NU	ATMA, Chandel, Manipur	11 th -12 th March, 2019	Social	Inter state activity Programme
Organic Pest Management	Five days online faculty development program on the heterogenous Perspectives of Life Sciences	PG & Research Department of Zoology, Holy Cross College, Tiruchirappalli	20 th August, 2021	Academic	National
Economic Importance of Apiculture and Sericulture	Two day National seminar on Economic Empowerment of Tiny Agricultural Sectors in India	Department of Commerce, St. Joseph University, Nagaland	28 th January, 2022	Academic	National
Insect pest complex and their incidence in Pigeonpea	Two days National Conference on “Anthropology: Biological diversity and affinities- A critical rethinking of the enduring issues in India”	Department of Zoology, St. Joseph University, Nagaland	18 th March, 2022	Academic	National
Biology and seasonal management of honey bees	Training Programme on Scientific Meliponiculture and Apiculture for better	AICRP on Honey bees & Pollinators, SAS, Nagaland	6 th October, 2023	Social	Regional

	honey production and pollination under NEH Component of AICRP (Honey bees & Pollinators	University			
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Ajiam Lila Devi.

Signature