

BIODATA OF DR. POTSHANGBAM BIJAYA DEVI



1. Name: **Dr. POTSHANGBAM BIJAYA DEVI**
2. Department: **Department of Zoology**
3. Designation: **Assistant Professor**
4. Date of joining : **18.8.1997**
5. Phone no. : **9436237256**
6. Email.id.: **bijayapd@yahoo.co.in**

7. Education Qualifications:

Exam Passed	Board/University	Division	% age	Year of passing	Subjects
A.I.S.S.E	C.B.S.E	II	57.73	1983	Eng, Maths, Science, Hist, etc.
A.I.S.S.C.E	C.B.S.E	II	59.00	1986	Eng, Bio, Chem, Phy
T.D.C. (Zoology Hons)	Manipur University	II	56.17	1990	Zoology, Botany, Chemistry
M. Sc.	Manipur University	I	67.58	1993	Life Sciences - Zoology (Specialization in Entomology)
Ph.D.(declared)	Manipur University			1999	

Title of the Ph.D. thesis: Bio-ecology of *Myzus persicae* (Sulzer) (Homoptera : Aphididae) on certain cole crops in Manipur.

**8.
Posittions
Held /
Career
profile**

Sl. No.	Type of fellowships/ employment	Name of the institution	Period		Nature of duties
			From	To	
1	Project assistant	DST	2.4.94	1.6.94	Research work
2	Project Fellow	UGC/SAP	1.9.97	30.8.98	- do -
3	Project Fellow	UGC/SAP	1.9.98	30.8.99	- do -
4	SRF Extd	CSIR	1.10.99	30.9.00	- do -
	(Senior Research Fellow – Extended)				
5	Research	CSIR	1.8.02	30.7.05	- do -
	Associateship				
6	Part Time Lecturer	Govt. of Manipur	18.8.97	8.5.16	Research work & Teaching
7	Assistant Professor (Permanent)	Imphal College, Govt. of Manipur	10.5.16	Till date	Research work & Teaching

9. Teaching experience:25 years

10. Area of specialization: Life Sciences (Zoology)(Entomology

11. Courses and Subjects taught

Courses	Subjects
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PUBLICATIONS (Total-31)

International

1. **P.Bijaya** and T.K.Singh (2007) Studies on the morphometry of green peach aphid *Myzus persicae* (Sulzer)(Homoptera: Aphididae), *Entomological Research.*37: 81-85.
2. Shantibala K ,**P.Bijaya**, R.K .Lokeshwari and T.K.Singh (2009) Impact of climatic changes on vulnerability of oak aphids and their natural enemies in Manipur , an Indo – Burma biodiversity hotspot *J.Exp,Zool.India* 12 (2) :279-284 (2009)

National

1. **P.Bijaya**, R. Varatharajan and T.K.Singh (1996) Predatory potential, population density and development of *Betasyrphus serarius* (Wied), a syrphid predator of *Brevicoryne brassicae* (Linn.) on cabbage. *Uttar Pradesh J. Zool.* 16(2): 114 – 116 .
2. **P.Bijaya** ,L.Chitra Devi R. Varatharajan and T.K.Singh(1996) On the density and composition of natural enemies of cabbage infesting aphids from Manipur. *J. Adv. Zool.* 17(2): 74 – 78.
3. M.Suresh, **P.Bijaya**, B. Prasad and T.K.Singh(1996) Seasonal incidence of insect pests on brinjal and a note on the biology of *Leucinodes orbonalis* Guen. (Lepidoptera: Pyraustidae) in Manipur. *Uttar Pradesh J. Zool.* 16(3): 151 – 155.
4. **P.Bijaya**, T.K.Singh& Sudarsana Devi (1997) Population density, predatory potential and development of two syrphid predators of *Myzus persicae* (Sulzer) on cabbage. *J. Aphidology.* 11(1): 123 – 127.
5. L.Somen Singh **P.Bijaya**,K.Shantibala and T.K.Singh (1995) Population trends of *Aphis gossypii* Glover on *Quercus serrata* Thunberg in Manipur. *J. Aphidology.* 9(1 & 2): 68 – 70,
6. **P.Bijaya** ,M.S.Paonam and T.K.Singh (1992-93) .Parasitoids of the genus *Trioxys* Haliday (Hymenoptera: Aphidiidae) in Manipur, North East India. *J. Aphidology.* 6 & 7(1&2): 35 – 39.
7. **P.Bijaya**. T.K.Singh and H.Jiten Singh (1999). Studies on the natural enemy complex of the green peach aphid *Myzus persicae* (Sulzer) on knolkhol, *Brassica oleracea gongylodes*. *Annals of Plant Protection Sciences.* 7(1): 37 – 40
8. **P.Bijaya**, T.K.Singh and M.Nonita (2001). Spatial distribution of the green peach aphid *Myzus persicae* (Sulzer) on cabbage. *Brassica oleracea* var. *capitata*. *J. Aphidology.* 15 :103-106

9. **P.Bijaya**,T.K Singh and Ng, Surjalata(2001).. Natural enemy complex of *Myzus persicae* (Sulzer) on cabbage in Manipur. *J. Aphidology*. 15:181-185
10. **P.Bijaya**,T.K.Singh and P.M.Singh (2001).Host parasitoid relationship between *Myzus persicae* (Sulzer)(Homoptera Aphididae)and its associated parasitoids (Hymenoptera: Braconidae, Aphidiinae) on certain cole crops. *J. Aphidology*. 15:93-98
11. **P.Bijaya** , P.Devjani and T.K.Singh(2002).Life table, stable age distribution and life expectancy of *Myzus persicae* (Sulzer) on cauliflower. *Shashpa*. IX (2): 143 - 148
12. M.Nonita, S.Subharani, **P.Bijaya**,T.K.Singh and P.M.Singh (2002).Seasonal incidence of aphids (Homoptera: Aphididae) infesting potato in relation to biotic and abiotic factors in Manipur. *J. Aphidology*. 16:103 -108
13. **P.Bijaya** , P.Devjani and T.K.Singh, (2002) Predator complex of major aphids in cauliflower agro- ecosystem in Manipur. *J. Aphidology*, 16:97-102).
14. M.Nonita, **P.Bijaya** andT.K.Singh (2003).Effect of abiotic factors on the aerial activity of *Aphis gossypii* Glover (Homoptera: Aphididae) on brinjal. *J. Aphidology*.17:63-66
15. **P.Bijaya**,S.Subharani and T.K.Singh(2005). Bioefficacy of certain botanical insecticides against green peach aphid, *Myzus persicae* (Sulzer) on cabbage. *Pestology*. 29(3): 28-31
16. **P.Bijaya**,T.K.Singh and B.K.Agarwala(2004). Life table of *Cervaphis quercus* Takahashi (Homoptera: Aphididae) infesting oak, *Quercus serrata* Thunberg (Fagaceae) in Manipur. *Indian Journal of Entomology*, 66(3) 256-260
17. M.Nonita, **P.Bijaya** andT.K.Singh (2006). Studies on the penetration of brinjal leaves by stylets of *Aphis gossypii* Glover, *Uttar Pradesh J. Zool.* 26(2): 217-220
18. M.Nonita, O.Hemchandra,**P.Bijaya** andT.K.Singh (2006) Seasonal incidence and spatial distribution of the cotton aphid *Aphis gosypii* Glover and its coccinellid predators on brinjal, *Uttar Pradesh J. Zool*, 26(3):265-270 .
20. **P.Bijaya**, T.K.Singh and S,Subharani (2006).Prey predator and intra guild interaction in cabbage agro eco-system in Manipur. *Journals of Aphidology*, volume 20(2): 51-56
21. **P.Bijaya**, T.K.Singh and O.Hemchandra,(2006). Feeding behaviour of the polyphagous aphid *Myzus persicae* (Sulzer),(Homoptera Aphididae). *Journal of Aphidology*. Volume 20(1): 57-59
22. **P.Bijaya**, P.Devjani S.Subharani and T.K.Singh(2006).Spatial distribution of *M. persicae* (Sulzer) on cauliflower in Manipur, *Annals of plant protection sciences*, 14(1):38-40

23. RK.Lokeshori, **P.Bijaya**,T.K.Singh and B.K.Agarwala(2007).Evaluation of the functional and numerical response of *Cheiromenes sexmaculata* (Fabricius), a potential biocontrol agent of bean aphids, *Journal of Biological Control*, 21(special issue), 97-100
24. M.Sharmila **P.Bijaya**,T.K.Singh and B.K.Agarwala(2007).Seasonal abundance and feeding potential of *Harmonia dimidiata* (Fabricius) in relation to key sucking pest of oak, *Journal of Biological Control*, 21(special issue), 101-105
25. M.Nonita, **P.Bijaya** and T.K.Singh (2007): Effect of abiotic and biotic factors on the abundance of *Aphis gossypii* Glover Infesting brinjal, *Indian Journal of Entomology*, 69(2), 149-153
26. M.Sharmila **P.Bijaya**,T.K.Singh and B.K.Agarwala (2010) :Predatory efficacy and developmental attributes of *Harmonia dimidiata* Fabricius(Coleoptera:Coccinellidae) in relation to prey density, *Journal of Biological control* 24 (3):218-221.
27. RK.Lokeshori, **P.Bijaya**, B.K.Agarwala and T.K.Singh (2010): Pre –adult development of *Cheiromenes sexmaculata* Fabr. (Coleoptera :Coccinellidae) fed on three aphid species. *Journal of Aphidology*. Volume 24(1 and 2): 7-12
28. Y.Bilashini **P.Bijaya**,T.K.Singh and B.K.Agarwala (2010):Functional Response and searching efficiency of *Coccinella septempunctata* L. . (Coleoptera :Coccinellidae) on cabbage aphid , *Brevicoryne brassicae* (Linn.) (Homoptera :Aphididae) . *Journal of Aphidology*. volume 24(1 and 2): 57-60.
29. **P.Bijaya**, M.Sharmila and T.K.Singh (2011): Biodiversity and abundance of syrphid fauna on major cruciferous crops in Manipur. *J. Adv. Zool.* 32(1): 12-18.

Papers presented in Symposia Conference

1. Biodiversity of beneficial insects associated with aphids infesting Cruciferous Agro ecosystem in Manipur in International Conference on Natural Resource Management & Technology Trends (March 27-29, 2017).
2. Eco-Friendly Approach for the Control of Cabbage Butterfly, *Pieris brassicae* (Linn.) (Lepidoptera) in 105th Indian Science Congress (March 16-20, 2018).

13. Conference/Symposium/Seminars/Workshop attended

1. Fifth National Symposium on Aphidology held at University of Agricultural Sciences, Bangalore (January 27-30, 1994).

2. National Symposium on Integrated Pest Management in North East India held at Assam University, Silchar (March 15-17, 1999).
3. National Symposium on Aphids in Agriculture and Forestry at University of Kalyani, West Bengal (November 24-25, 2004).
4. National Seminar on Fishery, Aquatic Bio-resources and Sustainable Development at Manipur University, (January 28-29, 2005).
5. Ninth National symposium on recent advances in Aphidology. Banaras Hindu University, 2006.
6. Two days training programme on application of bioinformatics for biodiversity conservation held at IBSD, Imphal (August 17-18, 2007).
7. Two day national seminar on Conservation of Bio - resources, UGC - SAP, held at Manipur University (February 21-22, 2008).
8. Presented a paper in International Congress of Global Warming on Biodiversity of Insects, Management and Conservation held at Bharathiar University, Coimbatore (February 9-12, 2009).
9. Presented a paper in National Symposium on Plant Protection Strategies in Organic Agriculture at Manipur University, (October 29-30, 2010)
10. Participated in the National Seminar on Advances in Life Sciences organised by Centre of Advanced Study in Life Sciences, Manipur University (March 23-24, 2015).
11. Presented a paper in International Conference on Natural Resources Management and Technology Trends (ICNRM- 17) at Manipur Universtiy (March 27-29, 2017).
12. Presented a paper in 105th Indian Science Congress at Manipur University (March 16-20, 2018).

14. Staff training /Development Programmes attended :

- **Refresher course /Orientation Programmes**
- **FDP**
- **Staff training by university/other institutions**

15. Participating in curriculum restructuring

16. Corporate Participation at the College level: