

## Faculty Profile



**Name** : Susanta Banik  
**Current Designation** : Assistant Professor Stage III  
**Email** : susanta@nagalanduniversity.ac.in  
**Contact address** : Assistant Professor Stage III,  
Department of Plant Pathology, SASRD,  
Nagaland University, Medziphema  
Campus, Nagaland-797106, India  
**Contact No.** : +91-9436606310, +91-8787679958  
Fax: +91-3862247113 (Office)  
**Date of joining the institution** : 07-09-2007

**Education:** Post-doctoral research training : IFAPA, Spain, Sept, 2012 to Feb, 2013  
Ph.D : Indian Agricultural Research Institute (IARI), New  
Delhi, India, (www.iari.res.in)  
Period: **2003-2007**  
Major subject- **Plant Pathology**  
Minor subject- **Molecular Biology and  
Biotechnology; and Biochemistry**  
M.Sc (Agriculture) : ANGRAU, Hyderabad, India (www.angrau.ac.in)  
Period: 2000-2002  
Specialization- **Plant Pathology**  
B.Sc (Agriculture) : BCKV, Nadia, India (www.bckv.edu.in)  
Period: 1996-2000

**Teaching experience** : Assistant Professor, 07<sup>th</sup> September, 2007 to present  
(www.nagalanduniversity.ac.in)

### **Research areas/Field of specialization :**

1. Sustainable/eco-friendly/biological management of plant disease
2. Potential of nanoparticles in plant disease management and their possible risks in the agricultural eco-systems
3. Endophytic and phylloplane fungi in crop plants and their exploitation in agriculture for plant protection

### **Teaching Areas:**

Sl no.	Course title	Course no.	Credit hours	Academic level
<i>Bachelor of Science (Agriculture)</i>				
1	Principles of Plant Disease Management	PLP-202	1+1	B.Sc (Ag)
2	Plant Pathogens	PLP-201	2+1	B.Sc (Ag)
3	Agricultural Microbiology	PLP-102	1+1	B.Sc (Ag)
4	Introductory Mycology and Principles of Plant Pathology	PLP-201	2+1	B.Sc (Ag)
5	Principles of Plant Pathology	PLP-202	2+1	B.Sc (Ag)
6	RAWE-P	RAWE-PLP	0+1	B.Sc (Ag)
7	Diseases of Horticultural Crops	PLP-302	1+1	B.Sc (Ag)

---

*Master of Science (Agriculture) in Plant Pathology*

---

8	Phytopathological Technique	PLP-503	0+2	M.Sc
9	Mycology	PLP-504	2+1	M.Sc
10	Detection and Diagnosis of Plant diseases	Pl. Path-505	0+2	M.Sc
11	Plant Bacteriology	Pl. Path-503/PLP-505	2+1	M.Sc
12	Diseases of vegetables and spices	Pl.Path-509	2+1	M.Sc
13	Plant Virology	Pl. Path-502/PLP-506	2+1	M.Sc
14	Diseases of field and medicinal crops	Pl.Path-507	2+1	M.Sc
15	Biological Control of plant diseases	Pl. Path-515	2+1	M.Sc
16	Master's seminar	Pl.Path-591	0+1	M.Sc

---

*Ph.D in Plant Pathology*

---

17	Molecular Basis of Host Pathogen Interaction	Pl.Path-604	2+1	Ph.D
18	Advanced Virology	Pl.Path-602	2+1	Ph.D
19	Advanced Mycology	Pl.Path-601	2+1	Ph.D
20	Advanced Bacteriology	Pl.Path-603	2+1	Ph.D
21	Plant Biosecurity and Biosafety	Pl.Path-606	2+0	Ph.D

---

**Publication:**

**Research Papers**

1. Asit Kumar Mandal, Imtinungsang Jamir, Praveen Kumar Maurya, Tridip Bhattacharjee, Swadesh Banerjee, Arup Chattopadhyay and **Susanta Banik**. 2018. Bio-efficacy evaluation of azoxystrobin 23% SC on potato for the control of late blight disease under the gangetic plains of West Bengal. *Journal of Pharmacognosy and Phytochemistry*. 7(4): 1060-1063. (NAAS Rating 2018-5.21)
2. Lalngaihawmi, **Banik S**, Chakruno P and Khatemenla. 2018. Effect of rice fungal endophytes on seed germination and seedling growth of rice. *Int. J. Curr. Microbiol. App. Sci*, 7(04): 3653-3663. Doi: <https://doi.org/10.20546/ijcmas.2018.704.411> (NAAS Rating 2018- 5.38)
3. **Banik, S.**; Pérez-de-Luque, A. (2017). *In vitro* effects of copper nanoparticles on plant pathogens, beneficial microbes and crop plants. *Spanish Journal of Agricultural Research*, Volume 15, Issue 2, e1005. <https://doi.org/10.5424/sjar/2017152-10305>. ISSN 1695-971X, (NAAS rating 2018 - 6.69)
4. Recha Imchen and **Susanta Banik**. 2015. Tissue-specific and growth stage specific colonization of fungal endophytes in three rice (*Oryza sativa* L.) cultivars. *The Ecoscan*. 9(3&4): 969-974. ISSN: 0974-0376. (NAAS rating 2018 – 4.65)
5. Pezangulie Chakruno and **Susanta Banik**. 2015. Phylloplane mycoflora of colocasia at different growth stages and their antagonistic effect on colocasia leaf blight pathogen in vitro. *International Journal of Bioresource and Stress Management*. 6(4): 523-527. Print ISSN: 0976-3988, Online ISSN: 0976-4038. (NAAS rating 2017 – 4.65)

6. Pezangulie Chakruno and **Susanta Banik**. 2015. Effect of foliar spray of metalaxyl and *Trichoderma viride* on the phylloplane mycoflora of colocasia. *J. Mycopathol. Res.*, 53(1): 143-147. ISSN: 0971-3719. (NAAS rating 2018 – 4.90)
7. Kalyan K. Mondal, Bharat Raj Meena, Alim Junaid, Geeta Verma, Chandra Mani, Dipali Majumder, Manju Khicher, Shailesh Kumar, **Susanta Banik**. 2014. Pathotyping and genetic screening of type III effectors in Indian strains of *Xanthomonas oryzae* pv. *oryzae* causing bacterial blight of rice. *Physiological and Molecular Plant Pathology*, DOI:10.1016/j.pmpp.2014.03.005 (Impact factor-1.95) 86(2014): 98-106. ISSN: 0885:5765. (NAAS rating 2018 – 7.14)
8. **Susanta Banik** and Jaydeep Halder. 2013. Acaropathogenic and entomopathogenic fungus *Hirsutella*- a review. *Annals of Entomology* 31(1): 143-155. (ISSN: 0970-3721)
9. Mandal, A. K., Sinha, P. and **Susanta Banik**. 2013. Root anatomical parameters for identification of Fusarium wilt resistant and susceptible line of pigeon pea. *Indian Phytopathology*. 66 (4): 361-365. ISSN: 0367-973X. (NAAS rating 2018 – 5.90)
10. Lemtur, S. A., Upadhyay, D. N. and **Banik, S.** 2013. Adjustment of date of sowing and resistance screening for managing Cercospora leaf spot of sesame. *J. Mycopathol. Res*, 51(1): 101-106. (ISSN: 0971-3719). (NAAS rating 2018 – 4.90)
11. **Susanta Banik** and Pratibha Sharma. 2011. Plant Pathology in the era of nanotechnology. *Indian Phytopath.* 64(2): 120-127. (NAAS rating 2018 – 5.90)
12. **Susanta Banik** and Pratibha Sharma. 2011. A faster technique to produce ascospores of *Sclerotinia sclerotiorum* in laboratory. *J. Mycopathol. Res*, 49(1): 171-173. (NAAS rating 2018 – 4.90)
13. **Susanta Banik** and Pratibha Sharma. 2011. Evaluation of aqueous extracts of some plants against cauliflower stalk rot pathogen, *Sclerotinia sclerotiorum*. *J. Mycopathol. Res*, 49(1): 21-29. (NAAS rating 2018 – 4.90)
14. Lemtur, S. A., Upadhyay, D. N. and **Banik, S.** 2010. Evaluation of seed health of Sesame cultivars. *J. Mycopathol. Res*, 48(2): 239-244. (NAAS rating 2018 – 4.90)
15. **S. Banik** and Pratibha Sharma. 2009. Variability in cauliflower stalk rot pathogen *Sclerotinia sclerotiorum*. *Indian Phytopath.* 62(3): 279-284. (NAAS rating 2018 – 5.90)
16. **Banik, S.** and Krishnamurthy, K.V.M. 2004. Effect of phylloplane mycoflora of blackgram on growth and conidial germination of *Corynespora cassiicola* (Berk and Curt) Wei. *Journal of Interacademia*. 8(1): 1-6. (ISSN: 0971-9016) (NAAS rating 2018 – 3.96)
17. **Banik, S.** and Krishnamurthy, K.V.M. 2004. Relative efficacy of different methods of isolation of phylloplane mycoflora of blackgram. *Environment and Ecology*. 22 (Spl-2): 199-202. (ISSN: 0970-0420) (NAAS rating 2018 – 4.18)
18. **Banik, S.**; Chatterjee, S.C. and Krishnamurthy, K.V.M. 2004. Effect of plant age on dynamics of phylloplane mycoflora of blackgram. *Annals of Plant Protection Sciences*. 12(1): 227-229. (NAAS rating 2017 – 4.82) (ISSN: 0971-3573 Print)
19. **Banik, S.** and Krishnamurthy, K.V.M. 2003. Effect of fungicides on phylloplane mycoflora of blackgram. *Farm Science Journal*. Vol 12(1): 27-28.

### Books

1. **Susanta Banik** and Asit Kumar Mandal. 2018. Objective Plant Pathology, 2<sup>nd</sup> Revised Edition, 280pp, Scientific Publishers, Jodhpur. ISBN- 9789387741737. ([www.scientificpub.com](http://www.scientificpub.com))
2. **Susanta Banik**. 2016. Objective Plant Pathology, 257pp, Scientific Publishers, Jodhpur. ISBN-9788172339883. ([www.scientificpub.com](http://www.scientificpub.com))
3. **Susanta Banik**. 2013. Current Concepts in Crop Protection, 506pp, Studium Press India Pvt. Ltd., New Delhi, India. ISBN-978-93-80012-42-1. ([www.studiumpress.in](http://www.studiumpress.in))
4. Gorakh Singh, Akali Sema, M. Alemla Ao, L. Daiho, **S. Banik** and Meribeni Shitiri. 2012. Insect pests and disease management of important horticultural crops, 64pp, Westville Publishing House, New Delhi, India. ISBN-978-81-85873-83-1.
5. **Susanta Banik**. 2010. Plant Pathological Terms, 244pp, Kalyani Publishers, Ludhiana, India. ISBN-978-81-272-6193-1.

6. Somen Acharya and **Susanta Banik**. 2009. Terminology of Environmental Science. New Vishal Publications, West Patel Nagar, New Delhi-08, India. ISBN-818399031-2.

### **Book Chapters**

1. **Susanta Banik**. 2017. Plant disease management through microbial agents for sustainable agriculture. In: Microbes and Sustainable Agriculture (Ed. Ram Prasad and Narendra Kumar) IK International Publishing House Pvt. Ltd., New Delhi. Pp-227-259. (ISBN: 978-93-85909-48-1).
2. Ao, N.T and **Susanta Banik**. 2017. Introduction to fungicides. In: Fundamentals of Plant Pathology (Ed M.K.Kalita), Kalyani Publishers, Ludhiana, pp.211-225. ISBN: 978-93-272-7581-0.
3. **Susanta Banik**. 2016. Major diseases of potato and their management through biological means. In: Organic disease management in solanaceous vegetable crops in Nagaland (Ed Rajesha G. et al.), ICAR Research Complex for NEH Region, Jharnapani, Nagaland. Pp.32-38. ISBN: 978-81-931382-7-4
4. **Susanta Banik** and Ratikanta Maiti. 2016. Biotic stress: Diseases. In: Bioresource and stress management. (Maiti R, Kumari A, Thakur AK and Sarkar NC Eds). Springer Science, Singapore, pp-87-99, ISBN: 978-981-10-0994-5 (Print) 978-981-10-0995-2 (Online).
5. **Susanta Banik** and Prashant P. Jambhulkar. 2014. Biological control of diseases in field crops: status and concerns. In: Advances in Agro-technology-A Text Book. Vol. II (H.N.Rodriguez, N.C.Sarkar, A.V.Ramanjaneyulu and Ratikanta Maiti Eds). Puspa Publishing House, Kolkata. Pp.335-351. (ISBN: 978-93-84553-01-2).
6. Jaydeep Halder and **Susanta Banik**. 2013. Botanicals in Crop Protection. In: Current Concepts in Crop Protection (Susanta Banik Ed). Studium Press India Pvt. Ltd., New Delhi. pp. 351-388. ISBN-978-93-80012-42-1
7. **Susanta Banik** and Jaydeep Halder. 2013. Protection of crop plants with newer chemical molecules. In: Current Concepts in Crop Protection (Susanta Banik Ed). Studium Press India Pvt. Ltd., New Delhi. pp. 307-350. ISBN-978-93-80012-42-1
8. **Susanta Banik** and Jaydeep Halder. 2013. Crop Protection with an emerging approach: Nanotechnology. In: Current Concepts in Crop Protection (Susanta Banik Ed). Studium Press India Pvt. Ltd., New Delhi. pp. 27-46. ISBN-978-93-80012-42-1
9. Daiho L. and **Susanta Banik**. 2011. Important Plant Diseases and North-East Ecosystem. In: Plant Pathology: Vision 2030. Indian Phytopathological Society, IARI, New Delhi, India, pp-96-100. (ISBN: 978-81-8465-959-7).
10. Upadhyay D. N. and **S. Banik**. 2011. Nanotechnology: an emerging approach in plant disease management. In: Plant Health Management (P.C. Trivedi Eds) Agrobios(India). Pp-421-427. ISBN (13): 978-81-7754-445-9.
11. Lemtur, A. S; Upadhyay, D. N. and **Banik, S**. 2011. Effect of fungicides and bio-agents on Cercospora leaf spot disease and yield of sesame. In: Agricultural Productivity and Resource Use (A. Sharma, R. Nakhro, S. Das and D.B.Tyagi Ed). S.S.Publication, New Delhi.pp.117-123. (ISBN: 978-81-89812-44-7).
12. Pratibha Sharma, **Susanta Banik**, Mousa Najafinia and Monica Henry. 2010. Vegetative Compatibility Groups (VCGs) in Fungi. In: Molecular Biology of Plant Pathogens (L.V.Gangawane & V.C.Khिलारे Eds), Daya Publishing House, Delhi. pp.336-359. ISBN: 8170356385. pp.viii+378.
13. **Banik, S.**, Biswas, S. K., Kadu, L. N. and Sinha, P. 2009. Vegetable disease management. In: Pest Management in Vegetables Vol. II (2<sup>nd</sup> Ed.) (K.P.Srivastava and D. K. Butani Eds), Studium Press India Pvt. Ltd., New Delhi. pp. 382-477. ISBN: 9788190757737.

### **Oral presentations**

1. Lemtur, S. A., Upadhyay, D. N. and **Susanta Banik. 2012.** Adjustment of date of sowing and resistance screening for managing Cercospora leaf spot of sesame. In: National Symposium on Frontlines of Microbiological Research: Concepts and Applications. 02-04 February, 2012. pp.16.
2. **Susanta Banik. 2015.** Plant Diseases in Relation to Climate Change. First lecture series in SASRD, Nagaland University. Delivered on April 17<sup>th</sup>, 2015 in School of Agricultural Sciences and Rural Development (SASRD), Nagaland University, India.

### **Invited Lecture**

1. **Susanta Banik. 2009.** Disease management of horticultural crops. Lecture presented on 20<sup>th</sup> march, 2009 with invitation from the NGO "Peoples Integrated Development Services", B Block Mission Hills, Post Box-01, Jalukie, Nagaland-797110.
2. **Susanta Banik. 2011.** Disease management of ginger, turmeric and chilli. Lecture presented on 10<sup>th</sup> December, 2011 with invitation from the NGO "Centre for Integrated Agriculture Development" at Urra village, Dimapur, Nagaland.
3. **Susanta Banik. 2015.** "Introduction to Biotechnology and PCR techniques". Lecture presented on 15<sup>th</sup> June, 2015 as resource person with invitation from SASRD Biotech Hub at Nagaland University, Medziphema Campus, Nagaland
4. **Susanta Banik. 2015.** "Biotechnology and its application". Lecture presented on 27<sup>th</sup> August, 2015 as resource person with invitation from SASRD Biotech Hub at Nagaland University, Medziphema Campus, Nagaland.
5. **Susanta Banik. 2015.** "Basic requirements for biotechnology work". Lecture presented on 27<sup>th</sup> August, 2015 as resource person with invitation from SASRD Biotech Hub at Nagaland University, Medziphema Campus, Nagaland.
6. **Susanta Banik. 2015.** "Diseases of nursery plants and their control measures". Lecture presented on 17<sup>th</sup> September, 2015 as a guest faculty for a Certificate Course on Modern Nursery Management Practices of Horticulture Crops with invitation from Central Institute of Horticulture, Medziphema, Nagaland.
7. **Susanta Banik. 2015.** "Major diseases of potato and their management through biological means". Lecture presented on 1<sup>st</sup> October, 2015 as a resource person in farmers training programme on 'Integrated insect pest and disease management in solanaceous vegetables' at ICAR-RCNEH, Jharnapani, Nagaland.
8. **Susanta Banik. 2015.** "Diseases of nursery plants and their control measures". Lecture presented on 10<sup>th</sup> November, 2015 as a guest faculty for a B.Voc degree programme on "Plant Propagation and Plant Nursery Management" with invitation from the Director, B.Voc programme, Dept. of Horticulture, SASRD, Nagaland University, Medziphema, Nagaland.
9. **Susanta Banik. 2016.** "Biotechnology in Agriculture". Lecture presented on 03<sup>rd</sup> June, 2016 as resource person for Hands-on training programme on Biotechnology in Agriculture for faculty members at SASRD, Nagaland University organized by SASRD Biotech Hub, Nagaland University.
10. **Susanta Banik. 2017.** "Biotechnology and its applications". Lecture presented on 5<sup>th</sup> August, 2017 as resource person for 'Outreach programme on Biotechnology' for students at Patkai Christian College, Chumukedima, Nagaland.
11. **Susanta Banik. 2017.** 'Fruit crops: their diseases and management'. Lecture presented on 30<sup>th</sup> August, 2017 as resource person in a training programme for ATMA functionaries of Nagaland organized at SAMETI, Medziphema, Nagaland.

12. **Susanta Banik**. 2018. "Biotechnology and its application". Lecture presented on 14<sup>th</sup> August, 2018 as resource person for Outreach Programme on Biotechnology for 10+2 students of Unity Higher Secondary School, Dimapur held at SASRD, Nagaland University organized by SASRD Biotech Hub, Nagaland University.

### Other publications

1. Sinha, P. and **Susanta Banik**. 2009. Plant Disease Forecasting and monitoring: an imperative in precision agriculture. *Indian Farming*, Vol. 59 (8): 46-50.
2. **Susanta Banik**. 2010. Mushrooms: the magic store of health benefits. *Everyman's Science*. Vol. XLIV(6): 360-365.
3. **Susanta Banik** and Jaydeep Halder 2010. Global warming: When seen with positive outlook. *Vumiputra* (8th Annual Issue): 8:88-90.
4. Jaydeep Halder and **Susanta Banik** 2011. Lichen: The bizarre form of life. *Vumiputra* (9th Annual Issue), 9: 71-73.
5. Jambhulkar PP, Susanta Banik and Murlidhar Sadawarti. 2012. Nanotechnology in plant protection. *Agrobios Newsletter*, Vol No. X (Issue no. 10): 16-17.
6. **Susanta Banik** and Jaydeep Halder. **2015**. Floriculture in Vertical Farming: A way out for land stressed farming. *Floriculture Today*, March issue, 2015, pp- 38-39.
7. Jaydeep Halder, Pradip Karmakar and **Susanta Banik**. **2015**. Marigold: a lot more than a flower. *Floriculture today*, August issue, 2015, pp-40-42.

### Handling of research

1. DBT project entitled "Characterization of *Xanthomonas oryzae* pv. *oryzae* strains from North West and Eastern regions for screening of xop like type III effectors to investigate its role as virulence determinants to induce blight in rice". Rs. 7,55,000/. (Sanction Order No. BT/PR14870/AGR/02/767/2010 Dated 15.12.2011) **COMPLETED**.
2. State government sponsored project entitled "Crop disease and pest survey in Dimapur and Peren districts of Nagaland". Sponsored by Directorate of Agriculture, Govt. of Nagaland. Rs.1.33 lakhs (2011-14)-**COMPLETED**
3. "Exploration of banana diversity and its biotechnological research in Nagaland" (Sanction Order No. DBT-NER/AGRI/33/2016, Dated 22-03-2018) as PI worth Rs. 43.36 lakhs, Duration- Three years (**ON-GOING**).

### Research guidance

Sl No.	Topic of thesis	Name of students	Degree	Year of award
3	Studies on Phylloplane mycoflora of Colocasia	Mr. Pezangulie	M.Sc	<b>2013</b>
4	Studies on endophytic fungi of rice in Nagaland	Mr. Recha Imchen	M.Sc	<b>2014</b>
5	Citrus canker management	Miss Bendangsenla	M.Sc	<b>2015</b>
6	Fungal Endophytes of rice	Miss Lalngaihawmi	M.Sc	<b>2015</b>
7	<i>Trichoderma</i> spp. from soils of Nagaland, India	Mr. Chavan Digvijay Rajaram	M.Sc	2018
8	Seed mycoflora of pulses	Ms. Ambalika Debbarma	M.Sc	<b>2016</b>
9	Seed mycoflora of oilseeds	Ms. Anamika Debbarma	M.Sc	<b>2017</b>
10	Diseases of Naga King Chilli	Mr. Pezangulie	Ph.D	<b>2018</b>

## Seminar/Conference attended

1. **2017.** National Symposium on 'Diagnosis and management of plant diseases: integrated approaches and recent trends' held during January 09-11, 2017 at ICAR Research Complex for NEH region, Umiam, Meghalaya and presented a lead lecture.
2. **2015.** National Workshop cum Training programme on "Statistical Tools for Research Data Analysis" held during 16-22 March, 2015 at Department of Agricultural Statistics, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia, West Bengal-741252 organized by 'Society for Application of Statistics in Agriculture and Allied Sciences', BCKV, Mohanpur, Nadia, West Bengal-741252
3. **2015.** National Seminar on 'Sustainable Horticulture vis-a-vis Changing Environment' held during 26-28 Feb, 2015 at SASRD, Medziphema Campus, Nagaland University, Medziphema.
4. **2014.** Workshop on "Capacity Enhancement on Communication and Team Building" held during 27<sup>th</sup> and 28<sup>th</sup> March, 2014 at SASRD, Medziphema Campus, Nagaland University, Medziphema, Nagaland, India
5. **2014.** Review Workshop on CSS and Training Planning for EEI and SAMETI's of NE states during 6-7 March, 2014 at Hotel Theja Fort, Dimapur, Nagaland, India organized by Extension Education Institute, Jorhat.
6. **2014.** International Symposium on 'Role of fungi and microbes in 21<sup>st</sup> Century- a global scenario' during 20-22 Feb, 2014 at Science City, Kolkata organized by Indian Mycological Society, University of Calcutta, Kolkata, India
7. **2013.** Colloquium for DBT Overseas Associates on 9 Dec, 2013 at NEHU, Shillong, Meghalaya, India.
8. **2013.** National Workshop on 'Bioinformatics tools and its applications' during 19-20 June, 2013 at BIF Centre, Nagaland University, Lumami, Nagaland, India
9. **2012.** National Symposium on "Frontlines of Microbiological Research: Concepts and Applications organized by Indian Mycological Society, University of Calcutta, Kolkata, India during February 02-04, 2012.
10. **2009.** 5<sup>th</sup> International Conference on "Plant Pathology in the Globalized Era" held during November 10-13, 2009 at Indian Agricultural Research Institute (IARI), New Delhi, India, organized by Indian Phytopathological Society, IARI, New Delhi, India

## Any other information

### Trainings attended

Year	Item	Topic	Duration	Organization/sponsoring	Venue
2009	Winter School	Agricultural Microbiology	21 days, 05-25 Jan, 2009	Division of Microbiology, Indian Agricultural Research Institute, New Delhi	New Delhi, India
2011	Orientation programme	General Orientation	27 days, 03-31 Jan, 2011	Academic Staff College, Jadavpur University	Jadavpur, Kolkata, India
2014	Advanced Faculty Training	Innovative approaches and advances for diagnosis and detection of plant diseases in relation to their management	21 days, 02-22 Sept. 2014	Centre for Advanced Faculty Training in Plant Pathology, GBPUAT, Pantnagar, Uttarakhand, India	Uttarakhand, India
2015	Workshop cum training	Statistical Tools for Research Data Analysis	7 days, 16-22 March, 2015	Society for Application of Statistics in Agriculture and Allied Sciences', BCKV, Mohanpur, Nadia	West Bengal, India

### **Members of Professional bodies**

1. Life Member of Indian Phytopathological Society (IPS), Division of Plant Pathology, IARI, Pusa Campus, New Delhi-12, India
2. Life Member of Indian Mycological Society (IMS), Dept. of Botany, University of Calcutta, 35, Ballygunge Circular Road, Kolkata-19. India
3. Life Member of Indian Society of Mycology and Plant Pathology, MPUA&T, Dept. of Plant Pathology, Udaipur-313001, India
4. Life Member of Indian Society of Plant Pathologists, PAU, Ludhiana, India
5. Life Member of the journal "International Journal of Bio-resource and Stress Management" ([www.pphouse.org](http://www.pphouse.org)).
6. Member of Editorial board of the journal "International Journal of Bio-resource and Stress Management" ([www.pphouse.org](http://www.pphouse.org)).

### **Member of academic and administrative bodies of Nagaland University**

1. Member-School Board w.e.f 21<sup>st</sup> July, 2008 for two years
2. Member- Board of Post Graduate Studies (BPGS) in the Department of Horticulture w.e.f 29<sup>th</sup> April, 2011 for three years
3. Member- BPGS in the Department of Agricultural Economics w.e.f. 27-05-14 for three years
4. Member-Core committee for Monitoring and Evaluation of ATMA (Agricultural Technology and Management Agency) activities in Nagaland, India since 22-02-11.
5. Member-School Board w.e.f. 23<sup>rd</sup> January, 2013 for two years
6. Member-BPGS in the Department of Plant Pathology w.e.f 25<sup>th</sup> may, 2009 for three years.
7. Member-BPGS in the Department of Genetics and Plant Breeding w.e.f.23.02.2015
8. Member-Committee for Instrumentation Centre of SASRD w.e.f 19.11.2009 for two years
9. In-charge-Instrumentation Centre w.e.f 19.03.2008
10. Member-Coordinating committee for Institutional Biotech Hub Project w.e.f 18.11.2013

*\*BPGS-Board of Post Graduate Studies, w.e.f.-with effect from*

### **Organizing national seminars/conferences**

**Organizing Secretary**, National Seminar on 'Crop protection: current trend and future perspective" held during November 16-18, 2017 at School of Agricultural Sciences and Rural Development, Nagaland University, Medziphema campus.

### **Awards:**

1. 2008-IARI Merit Medal from IARI, New Delhi, India
2. 2010-K.C.Mehta and Manoranjan Mitra Memorial award from Indian Phytopathological Society, IARI, New Delhi, India
3. 2012-Overseas Associateship for six months in Spain awarded and sponsored by Dept. of Biotechnology (DBT), Ministry of Science &Technology, Govt. of India.

**Declaration:** I hereby declare that all the information presented above is true to the best of my knowledge and belief.

Susanta Banik  
Dated: 20-09-18