

# **CURRICULUMVITAE**

## **PERSONALPROFILE**

**Name:** DR. BIPUL SAIKIA

**Designation& address:** Associate Professor, Department of Botany, Chaiduar College,  
Gohpur, Biswanath (Assam), PIN-784168

**Telephone/email:** Mobile:7002645491

Email:bipul\_sai@yahoo.com

**Qualification:**M.Sc., M. Phil., Ph. D, FES.(HoD of the Department)

**Date of Birth:**28/01/1969

**Religion:** Hinduism

**Nationality:** Indian

**Family Status:** Married

**Caste:**OBC

**Title of:** **M. Phil.-** ‘MEDICO-ETHNOBOTANY OF KALABARI(PUB CHAIDUAR  
DEVELOPMENT BLOCK) OF SONITPUR DISTRICT, ASSAM’.

**Ph. D. -**‘TAXONOMIC DIVERSITY, UTILIZATION AND MARKET  
POTENTIAL OF WILD EDIBLE PLANTS IN SONITPUR  
DISTRICT OF ASSAM’.

(Research work linked with ethnobotany and biochemistry)

**Special areas of interest:** Angiosperm Taxonomy, Ethnobotany and Biochemistry.

**TeachingExperience:** 27 years in UG College.

## RESEARCH PUBLICATIONS:

1. Saikia, B. 2006. Ethnomedicinal plants from Gohpur of Sonitpur district, Assam, *Indian Journal of Traditional Knowledge* 5 (4): 529- 530.
2. Saikia B. 2008. Ethnomedicinal uses of *Polygonum strigosum* among Mishing Tribes of Gohpur sub-division in Sonitpur district, Assam, *Ethnobotany*, 20, 150-151.
3. Saikia, B. Borthakur, S.K. & Saikia, N. 2010. Medico- ethnobotany of Bodo tribals in Gohpur of Sonitpur district Assam, *Indian Journal of Traditional Knowledge*, 9(1), 52-54.
4. Saikia, B. Borthakur, S.K. & Saikia, N. 2010. Uses of medicinal plants in animal healthcare-A case study from Gohpur, Assam, *Indian Journal of Traditional Knowledge*, 9(1), 49-51.
5. Saikia, B. Doley, B. Rethy, P. & Gajurel, P. R. 2010. Traditional uses of flower as food in Sonitpur and Papumpare districts of Assam and Arunachal Pradesh. *Ethnobotany* Vol. 22: 121-124.
6. Doley, B., Gajurel, P. R., Rethy, P. & Saikia, B. 2010. A Check list of commonly used Species by the Nyshi tribes of Papumpare District, Arunachal Pradesh, *Journal of Bioscience. Research*, Vol. 1(1): 9-12.
7. Saikia, B., Rethy, P., Gajurel, P. R. & Doley, B. 2012(a). Exotic wild edible plants of Sonitpur District, Assam. *Journal of Bioscience. Research*, 3 (1): 71-75.
8. Tamuly, C., Saikia, B., Hazarika, M., Bora, J., Manob J. Bordoloi, M. J., & Sahu, O. P. 2013. Correlation Between Phenolic, Flavonoid, and Mineral Contents With Antioxidant Activity of Underutilized Vegetables, *International Journal of Vegetable Science*, Volume 19, Issue 1, pages 34-44.
9. Sabhapandit, P., Saikia, B., and Mishra, A.K. 2010. Analysis heavy metals from water samples of Biswanath sub-division in Sonitpur district, Assam, *Journal of Environmental Research and Development*, Pp 153-163.
10. Saikia, B. 2018. Ethnobotany of *Musa balbisiana* Colla of Biswanath District, Assam, *Ethnobotany* Vol. 30, 2018, pp 4-9.

## BOOK CHAPTERS:

1. Saikia, B. 2007. Medicinal plant among the Bodo tribe of Assam. In Trivedi, P.C. *Ethnomedicinal plants of India* (Aavishkar publisher, Jaipur, India), 60-66.
2. Saikia, B. 2010. *Ipomea carnea* var. *fistulosa* (Mart. ex Choisy) Astin.- A rampant exotic plant distributed in Assam and other parts of the Globe. In Trivedi, P.C. *Drugs from Plants* (Aavishkar publisher, Jaipur, India), 184-187.
3. Saikia, B., Rethy, P. and Gajurel, P.R. 2014. Traditional belief and practices of storage rice grain pest management in Sonitpur district of Assam. In *Plant Disease and Microbes* ed. by Sampat Nehra, Aavishkar Publishers, Distributors, Jaipur, India. Pp 154-158.

4. Saikia, B., Rethy, P. and Gajurel, P.R. 2014. *Gnetum gnemon* L. A rare wild edible species from Sonitpur district of Assam. In *Ethnobotanical Studies in India*, ed. by Sanjeev Kumar, Deep Publication, New Delhi. Pp 165-167.
5. Saikia, B. 2007. Medicinal plant among the Bodo Tribe of Assam In: *Ethnomedicinal plants of India* PC Trivedi (ed.) Aavishkar Publisher, Distributor, Jaipur (Raj.) pp 60-66.
6. Saikia, B. 2014. Creativity and Women. In *Women Through Ages*, ed. by Swapna Kakati, Kasturi Prakashan, Guwahati. Pp 296-301.
7. *Ethnoveterinary Practices in Northeast India and Andamans*. Edited by Prof. T. Pullaiah, 2016. Apple Academic Press, USA, July, 2017.
8. Submitted for publication: Marketed wild edible plants of Assam and Sikkim -a review. (Agrobios ).

#### **PUBLISHED IN SEMINAR PROCEEDINGS:**

1. Saikia, B., Saikia, D. & Borah, S. 2007. Diversity and Dynamism of Traditional Knowledge, Published in National Seminar proceeding on '*Medicinal Use of Traditional Herbs in Maintaining in Proper Health*', Sponsored by ICMR, Chaiduar College Gohpur, 28-29.
2. Borah, S., Saikia, D. & Saikia, B. 2007. Traditional child and women health care in Deori communities of Sonitpur and Lakhimpur district of Assam, Proceeding of UGC National Seminar on '*Recent Trends on Biological Research Towards Rural Development*' Chaiduar College, Oct 13 & 14, pp 47-51.
3. Saikia, B., Rethy, P. & Gajurel, P.R. 2012. Export potentialities of wild edible species of Sonitpur District, Assam. In Proceeding of UGC National Workshop on '*Cultivation and Conservation of Commercially Potential Species in Respect of Diversity and Tradition in Assam*' (Chaiduar College, Gohpur), 56-67.
4. Saikia, B., Borah, S., Saikia, D., Gajurel, P. R. & Rethy, P. 2011. The involvement and importance of Religious Ethics in Biodiversity upkeep in Sonitpur district, Assam. In proceeding of UGC National Seminar, on '*Current Trends on Research of Regional History*' (Chaiduar College, Gohpur) 296-299.
5. Saikia, B., Borah, S. & Saikia, D. 2007, A brief studies on germplasm variation in *Piper betle* L. from Sonitpur district of Assam. In Proceeding of UGC National Seminar on '*Recent Trends on Biological Research Towards Rural Development*' (Chaiduar College), Oct 13 & 14: 55-57.
6. Saikia, B., Rethy, P., Gajurel, P. R. & Hazarika, H. 2009, Importance of agroforestry in watershed management in the Sonitpur district, Assam. In Proceeding of National Seminar on '*Agroforestry for Socioeconomic Development of North East India*' NERIST, 11<sup>th</sup>-12<sup>th</sup> Dec. p 59-63.

## PRESENTED (National/International):

1. Saikia, B. (\*)<sup>1</sup>, Borah, S.<sup>1</sup>, Saikia, D.<sup>1</sup>, Gajurel, P. R.<sup>2</sup>, Rethy, P.<sup>2</sup> and Das, A. K.<sup>3</sup>. 2010. Utilization of plants with reference to Ethno-veterinary herbal medicines of Sonitpur district, Assam, India.-Presented in *International Seminar at Mohanlal Sukhadia University in Udaipur*, 25-27<sup>th</sup> Nov., Abstract pp-34 (OA-21).
2. Saikia, B., Borthakur, S.K. 2006. Use of medicinal plant in traditional animal health care from Gohpur of Sonitpur districts of Assam. Presented in *Silver Jubilee Symposium on Ethnobotany in the New Millennium*, NBRI, Lucknow, 12-14 Jan.
3. Saikia B, 2005. Utilization of medicinal plants by the people of Gohpur, Sonitpur, Assam. Presented in National Seminar on '*Current Trends on Chemical Research*', Chaiduar College, Gohpur, 30-31<sup>st</sup> July.
4. Saikia B, 2005. Bioinformatics a new buzzword for College and University science students. Presented in *National Seminar on 'Higher Education: Its Challenge & Prospects in the 21<sup>st</sup> Century*, Demow College, Sivsagar, 24-25 Sept.
5. Saikia B, 2006. Plant based folk medicines from Sonitpur district Assam Presented in National Seminar on "*Medicinal and Aromatic Plants Harnessing the Botanical Resources of North East India*", The Institute of Engineers (India), Assam State Centre, Guwahati, 11-12 Feb.
6. Saikia B, Saikia D & Borah S. 2006. Preparation of traditional rice beverages among the Mising, Bodo & Deori tribes of Lakhimpur and Sonitpur districts of Assam- A comparative study. Presented in National Seminar on "*Biodiversity & Indigenous Knowledge system*", Centre with potential for excellence in Biodiversity, Rajiv Gandhi University, AP, 25-26 Oct.
7. Saikia B, 2007. Bioinformatics a new wave of Biology discipline. Presented in North East Seminar on '*Carrier Oriented Courses*', Madhabdev College, Lakhimpur, 11-12 Sept.
8. Saikia, B. 2007. Diversity and Dynamism of Traditional Knowledge, Presented in National Seminar on '*Medicinal Use of Traditional Herbs in Maintaining in Proper Health*', Sponsored by ICMR, Chaiduar College Gohpur, 28-29 Nov.
9. Saikia, B. 2008. Role of medicinal plants in human system, An overview, presented in national seminar, '*Medicinal Flora of NE India: Its abundance, utility, and scope for economic development*', Bihpuria College, 24-25 Sept.
10. Saikia P, Saikia B., Borah, S. & Saikia, D. 2009. A statistical analysis – medicinal plants used by the ethnic groups in Lakhimpur district, Assam, presented in *Problems and prospects of medicinal plants in North East India*, Dhemaji College, 12-13 Sept.
11. Saikia, B., Saikia, D and Borah, S. 2009. Studies on host plants diversity and ethnobotany of *Cuscuta reflexa* Roxb. (Cuscutaceae) from Sonitpur district, Assam, India. Proceeding, *Indian Science Congress* sl. no 94.

12. Hazarika, M., Saikia, D.C., Saikia, B. and Borah, S. 2011. Wetlands of Gohpur sub-division: A case Study on Dharupara wetland, National Seminar at BN College of Agriculture, Assam Agricultural University, Biswanath Chariali, Sonitpur, Assam: 11-12<sup>th</sup> November.
13. Borah, S., Saikia, P., Saikia, B. & Saikia, D. 2009. General problem and prospects of Poly herbal formulation, presented in '*Problems and prospects of medicinal plants in North East India*', Dhemaji College, 12-13 Sept.
14. Saikia, B. 2019. *Gnetum gnemon* Linn. A rare marketed wild edible species from Biswanath district of Assam. Presented in Assam Botany Congress (ABC-01) & International Conference on Plant Science

#### **SEMINAR ATTENDED:**

1. National Seminar on '*Environmental Conservation, Depleting Recourses and Sustainable Development*', Ministry of Environment and Forests' Govt. of India, North Lakhimpur College, Assam, 28-29 Jan. 2006.
2. National Seminar on '*Value addition to Bioresources of N.E. India, Post Harvest Technology and Cold Chain*,' sponsored by Assam Science Technology and Environment Council and Dept. of Botany, GU, Guwahati, Assam, 19-21 May 2006.
3. 'National Seminar on '*Frontier Topics in Chemistry*', UGC, Chaiduar, College Gohpur, 5-6 Oct 2007.
4. UGC '*North east Symposium on Environment*', UGC sponsored, Madhabdev College, Lakhimpur, 3-4 Dec. 1999.
5. National Seminar on '*Botanical Researches in wildlife Sanctuaries and National Parks of Assam*' UGC sponsored, Handique Girls' College, Guwahati, Assam, 27-28 July 2002.
6. '*Sixty –Ninth Annual Meeting of the Indian Academy of Science*' held in Guwahati IIT, 21-23 Nov. 2003.
7. State level Seminar on '*Historical Background of Place Names of Medieval Gohpur*', History Dept. Chaiduar College, Gohpur, 12th Dec 2003.
8. National Seminar on '*Environmental Conservation, Depleting Recourses and Sustainable Development*', Ministry of Environment and Forests' Govt. of India, North Lakhimpur College, Assam, 28-29 Jan. 2006.
9. National Seminar on '*Current Trends in Chemical Research*' Chemistry Dept. Chaiduar College, Gohpur, 30-31 July- 2005.
10. National Seminar on '*Pisciculture : Prospects, Constraints and Conservation in Assam*', Biswanath College, 30-31<sup>st</sup> August, 2010.
11. National Seminar on "*Civil Society and Human Rights in the Age of globalization*" Chaiduar College, Gohpur, 4<sup>th</sup>-5<sup>th</sup> Nov. 2010.

12. UGC sponsored symposium on *Environment* was held at Madhabdev College, Lakhimpur, 3-4<sup>th</sup> Sept. 1999.

#### **WORKSHOPS ATTENDED:**

1. *Biodiversity Research ,Challenges, Strategies and Future Prospects'* ,Organised by Centre with potential for excellence in Biodiversity, Faculty of Life Sciences Rajiv Gandhi University ,AP ,26-27 ,2003.
2. *'Bioinformatics for Biologists'* Organised by Centre of Bioinformatics Facility(BIF) Rajiv Gandhi University ,AP , DBT sponsored ,3-5 March ,2008.
3. Workshop on "Career Counselling" Organized by Arya Vidyapeeth College, Guwahati on 27-28<sup>th</sup> May, 2011.
4. Workshop on 'Flood and earthquake risk mitigation' organize by Tezpur University, sponsored by Ministry of Home Affairs ,Govt of India,24-26Feb 2009.
5. Training workshop on popular science writing Organized by Assam Science Writers Associations on 18 June 2009.
6. *Indo-Finnish Workshop on Green Chemistry*, Organized by Tezpur University, Department of Energy on 13<sup>th</sup> and 14<sup>th</sup> December 2013.
7. National Workshop on RashtryaUcchatarSikhaAbhiyan organized by Assam College Teacher's Association, In association with Tezpur College on 10 th September, 2014.
8. Attended district Zonal level resource person training of National Childten Science Congress held at Cotton College, Guwahati on 16<sup>th</sup> May, 2011.
9. Participated in the Biology Olympiad Teachers Exposure Camp at HomiBhabha Centre For Science Education, Mumbai, from Nov. 15-17, 2017.
10. Electronics &ICT Academy , Indian Institute of Technology, Guwahati , Supported by MEIT, Govt. of India date 01-06 July 2017.
11. "Silver Jubilee Celebration Year (2019-20), One day workshop on Accessibility of Massive Open Online Courses (MOOC) Through SWAYAM: Issues and Relevance" By Behali College , Biswanath district , Assam ,29<sup>th</sup> April, 2019.

#### **ORGANIZED AND EDITED:**

1. Organize a national seminar at college campus ("Recent Trends on Biological Research Towards Rural Development" was held on 13 & 14 Oct. 2007 at Chaiduar College)
2. Organize a national workshop at college campus ("Cultivation and Conservation of Commercially Potential Plant Species in Respect of Diversity and Tradition In Assam" was held on 11 & 12 Feb. 2012 at Chaiduar College).

3. Edited two National Seminar Proceedings.

#### **FACULTY DEVELOPMENT PROGRAMME:**

1. Electronics & ICT Academy, Indian Institute of Technology Guwahati supported by Ministry of Electronic and Information Technology, Govt. of India, Organized by E&ICTAcademy and IIT, Guwahati, from July, 01-06, 2017.
2. Participated in the Workshop on RBPT at Tezpur University from January 27-30, 2017, sponsored by DBT.
3. Participated in the Workshop on RBPT at Jawaharlal Nehru College, Boko, from August 7-9, 2017, MHRD, sponsored by DBT.

#### **CONFERENCES ATTENDED:**

1. *'Safeguarding the Ethnobotanical Resources of N.E. Region of India'*, Dept. of Botany, Cotton College, Assam, 27-28 March 2000.
2. 62<sup>nd</sup> Annual conference, Assam College Teachers Association at Barnagar College, Barpeta, Assam, held on 1<sup>st</sup>-4<sup>th</sup> Nov. 2015.

#### **POPULAR ARTICLE IN BOOKS, MAGAZINES AND NEWS**

1. Contribution to Assamese book "Bihu Binandya" A research book on Bihu dance, Compiled by Dr. Pradip Neog, Assam Agricultural University, Jorhat, Published by Abhinaba Sahitya Gosthi, Jorhat, March 2006.
2. Article "Huchari Bihur Saruwah Anubhab" published in The Assamese Fortnightly "Prantik", issues 16-30<sup>th</sup> April 2008.
3. Article "Matshya Sangroikhyan Andolan" published in The Assamese Fortnightly "Prantik", issues 1-15<sup>th</sup> Nov. 2006.
4. Article "Bihu Pratijogita Chowar Abhigyata" published in The Assamese Fortnightly "Prantik", issues 1-15<sup>th</sup> April 2005.
5. Assamese Poem "Sesh Sangya" published in Magazine "Khiriki" Kalabari College, Kalabari, Sonitpur, 2002-2003.
6. Article "Ganthar Utshyab Ganthamela" published in The Assamese Monthly "Naba Pragyan", Panbazar Guwahati, Dec. 2006.
7. Assamese Poem "Kabir Ghar, Kabitar Ghararu Moi" published in Magazine 'Satadha' Smritigantha Khirori Guri Adarsha Prathamik Vidyalaya Satabarsha Udjapan Samaroh, Kharioiguri Sonitpur, Assam, 16, 17 & 18<sup>th</sup> Jan. 2006.
8. Letter "Asomiabhasa, Prem Samporke" published in The Assamese Daily "Amar Asom", Guwahati, 23<sup>rd</sup> Augst, 2005.
9. Letter "Ganthar Utshyab Ganthamela" published in The Assamese Monthly "Naba Pragyan", Panbazar Guwahati, Dec. 2006.
10. Letter "Ajon Soinikar Manar Kathare" published in The Assamese Daily "Amar Asom", Guwahati, 14<sup>th</sup> May 2001.
11. Letter "Hanihyei Jar Aponparichai" published in The Assamese Daily "Amar Asom", Guwahati, 25<sup>th</sup> June 2001.
12. Letter "Soishabar Rang" published in The Assamese Daily "Amar Asom", Guwahati, 23<sup>rd</sup> April, 2001.

13. Article “ Tamolaru year Byabwahar ” published in The Assamese Fortnightly “Prantik”, issues 16-31 May 2000.
14. Article “GaruBihurUpakaranUdvid ” published in The Assamese Fortnightly “Prantik”, issues 1-15<sup>th</sup> April. 2003.
- 15.

### **Paper news**

1. Participations in international seminar at NBRI, Lucknow, news published in The Assamese Daily “DoinikBatori ”, Guwahati, 13<sup>th</sup> Feb , 2006.
2. Participations in National seminar news at Chaiduar College, published in The Assamese Daily “Aji ”, Guwahati, 30<sup>th</sup> Nov , 2007.
3. 17.Participations in “Bihu Sarai Ganana’ Programme published in The Assamese Daily “Amar Asom”, Guwahati, 3<sup>rd</sup> Aug , 2003.
4. Paper news on “Bamboo flowering’ published in The Assamese Daily “DainikJanambhumi”, Guwahati, April 6, 2008.
5. Paper news on “Bamboo flowering’ published in The Assamese Daily “DainikJanambhumi”, Guwahati, May27, 2008.

**AWARD:** By the Society of Ethnobotanist, Lucknow,2015

### **LIFE MEMBERS:**

1. Assam Science Society, Guwahati
2. Assam Horticultural Society, Guwahati
3. Society of Ethnobotanists, Lucknow
4. Assam SahityaSabha, Assam
5. Association of Teachers In Biological Science
6. The Indian Botanical Society

### **GUIDANCE:**

Guided one M. Phil Student.(REG No.-M-BOT -271)

Title of dissertation - An ethnomedicobotanical studies of the Khamtis community of Lakhimpur district of Assam. Mr. Paresh Dutta, M.Sc. M. Phil, Department of Botany, Madhabdev College Under Vinayak Mission University, Salem, Tamil Nadu, India. Reg. No.603103080055, (2008-2009).

### **RESEARCH PROJECTS:**

Completed 2 (two) Minor Research Projects sponsored by UGC.

- a. ‘Studies on Germplasm variation in *Piper betle* L. of Assam with special reference to Sonitpur District’ (No.F.5-49/2006-7 (MRP/NER)/5267).
- b. ‘Diversity and utilization of wild edible plants in Sonitpur district, Assam’ (F. 5-



473/2011-12/MRP/NERO/11757).

- c. Project completed on Environment as coordinator- College Environment Cell and Climate Change funded by ASTEC, Assam-2018-2019.

#### **RESOURCE PERSON:**

1. A talk on Biotechnology was presented at MukundaKakati High schoolSchool in World Environment Day,2007.
2. A talk on Water resource and conservation was presented at Gopalpur Higher Secondary School in 2009.
3. Participated in Vivekanandra Kendra Programme on 03/12/09
4. Conducted a training programme at BiswanathChariali for school teachers on the occasion of Children Science Congress workshop in 2011.
5. Conducted a training programme at Gohpur Girls High School for school teachers on the occasion of Children Science Congress workshop in 2012.
6. A talk on Biodiversity was presented at Dubia Girls High School in 2013.
- 7.A talk on Biotechnology was presented at PachimKalabari Higher Secondary School in 2013.
8. A talk on Career Guidance at SankardevSisooNiketanGohpurwas presented in 2014.
9. A talk on Biodiversity was presented at Madhabdev College in 8<sup>th</sup> Feb.2015.
10. A popular talk on Biodiversity conservation was presented at Chaiduar College in 20 Nov. 2015.
11. A talk on Biotechnology was presented at Howajan Higher Secondary School in 2015.

#### **OTHERS:**

1. Organizer of District Level Children Science Congress, held at 1<sup>st</sup>Oct. 2009, at Little Star School, BiswanathChariali,Sonitpur , Assam, Under ASTEC and DST, India.
2. Organizer of District Level Children Science Congress, held at 30<sup>th</sup> Sept. 2012, Gohpur Girls' High School,Under DST, India,Sonitpur ,Assam,.
3. Evaluator of District Level Children Science Congress, held at 30<sup>th</sup> Sept. 2012, Gohpur Girls' High School,Sonitpur ,Assam,.
4. Evaluator of District Level Children Science Congress, at TupiaPanchGaon Academy, High School,Sonitpur,Assam, held at 11<sup>th</sup> Sept. 2011.
5. Participated in different conventions and delivered more than 15 speeches on biodiversity conservation and biotechnology in various school, NGO and colleges.
6. Take the role of Incharge of the programmeofVivekanandra Kendra, Kanyakumari, Assam-Prant on *"Vijay-Hi-Vijay-a state level leadership programme for ignited youth"* on 3<sup>rd</sup> Dec. 2009.

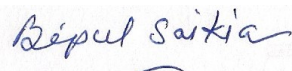
7. Evaluator of District Level Children Science Congress, at Dekorai Higher Secondary School ,Sonitpur,Assam, held at 13<sup>th</sup> Sept. 2016.
8. Evaluator of District Level Children Science Congress, at Dekorai Higher Secondary School ,Sonitpur, Assam, held at 13th Sept. 2022.
9. Reviewer of IJTK journal 2019-2020.

*I declared that the information and particulars furnished above are true and correct to the best of my knowledge and belief.*

Date: 18/02/2022

Station.: Gohpur

( Dr.BipulSaikia)

A handwritten signature in blue ink that reads "Bipul Saikia". The signature is written in a cursive style with a horizontal line underneath the name.

Signature