

# CURRICULUM VITAE



**NAME :** Dr. Samikhya Bhuyan

**CAREER OBJECTIVES :** To work with an organization where extensive experience will be further developed and utilized.

## **SPECIALIZED IN**

SOIL SCIENCE

## **PERMANENT ADDRESS**

C/O Mr. Tulshi Bhuyan

Vill: North Chatrang Majgaon

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Dist- Biswanath (Assam)

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**CONTACT NUMBER**

6003204191

**CASTE**

General

**QUALIFICATION DETAILS**

Sl.No	Examination Passed	Year of Passing	Institution	Marks(%)
1.	AISSE	2009	Jawahar Navodaya Vidyalaya ,Sonitpur	88
2.	AISSCE	2011	Jawahar Navodaya Vidyalaya,Sonitpur	85
3.	B.sc (Agriculture)	2015	Assam Agricultural University ,Jorhat	7.7
4.	M.sc (Soil Science)	2017	Assam Agricultural University ,Jorhat	8.3
5.	PhD (Soil Science)	2023	Assam Agricultural University,Jorhat	8.6

6.	Postgraduate diploma in computer application(PGDCA)	2014	Model vocational Training Institute(MVTI)	85%
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## TOTAL PROFESSIONAL EXPERIENCE

- Presently working as Assistant Professor in Rajiv Gandhi University in Arunachal Pradesh .
- 6 month experience as YP –II in ICAR –NBSS Jorhat in project named : “ Land resource inventory in Arunachal Pradesh in large scale for agricultural land use planning using geo-spatial techniques.
- 2 years experience as an Assistant professor in Kaliabor college,Assam. Experience in teaching and laboratory works
- 2 year experience as part time a trainer in B V Aromatic Oil Industries under Assam skill development mission
- 6 month RAWEP(Rural Agriculture work experience programme)
- 6 month ELP (Experiential learning programme) in Commercial Agriculture

## M.SC. RESEARCH TOPIC

2 years (M.SC research experience on the dissertation “Soil acidity component under organic and conventional tea cultivation of Assam”

## PH.D. RESEARCH TOPIC

Digital Indexing of soil physical health of Biswanath district of Assam on GIS Environment.

## RESEARCH PUBLICATION

- **Bhuyan Samikhya, Patgiri Dilip Kumar, Medhi Simanta Jyoti, Patel Roopali and Abonmai Tabuiliu (2023).** Machine Learning-based Crop Recommendation System in Biswanath District of Assam. Biological Forum – An International Journal, 15(3): 417-421
- **Bhuyan Samikhya, Patgiri Dilip Kumar , Medhi Simanta Jyoti , Chutia Debasish , Swaroop Meena Ram and Sandillya Moharnab (2023).** Spatial Distribution of Soil Nutrient Status of Biswanath District, Assam, North East India . International Journal of Plant & Soil Science Volume 35, Issue 8, Page 145-157,; Article no.IJPSS.98294 ISSN: 2320-7035
- **Bhuyan Samikhya, Kandali Gayatri Goswami, Choudhari Biplab, Rajkhowa Jadumoni and Pattanaik Ipsita (2022)** Effect of management practices on soil acidity component in tea soil of Assam. The Pharma Innovation Journal; 11(3): 223-228
- **Rajkhowa Jadumoni, Gogoi Aditi Smith, Bhuyan Samikhya, Burhagohain Alija and Mishra Dhruba Jyoti (2022)** . Effect of chemical pruning as an alternative for development of lateral

branches in young newly planted tea .The Pharma Innovation Journal; 11(3): 1257-1261

- **Bhuyan S, Kandali GG, Deka K, Karmakar RM, Choudhury M and Borah K (2018)** Impact of organic and conventional tea cultivation practices on soil health .International Journal of Chemical Studies ; 6(3): 502-508

## **BOOK PUBLISHED**

- Published a book named **"A handbook of tea culture "**(ISBN :978-93-84388-27-0)

## **BOOK CHAPTERS**

- Published Book chapter named **"Soil Health Management in Arunachal Pradesh, India"** in Novel Technologies in Modern Agriculture .
- Published Book Chapter named **"Restoration of Soil Health: The options to Agricultural Sustainability"** in Current Research and Review in Soil Science (Volume -1).
- Published Book chapter named **" Soil Health : The key to Agricultural Sustainability"** in Advancing innovation in Sustainable Agriculture (Volume -1 )

## **POPULAR ARTICLE**

- **Bhuyan, S., Patgiri, D. K., Meena, R. S., Sandilya, M. and Medhi, S. J. 2023.**

Artificial Soils: Impact on Agricultural Sustainability. Vigyan Varta 4(3): 111-113.

## **ACHIEVEMENT**

- Qualified ICAR –NET.
- AAU state merit Scholarship .
- Selected as Research Scholar in the university of Nebraska ,Lincoln (USA ).
- Appointed Training and placement councillors of department of soil science in the year 2021.

## **POSTER PRESENTATION**

- Presented poster in Research conclave 17 in IIT Guwahati.
- Presented paper on national Symposium on Sustainable Waste management (SMW 2019), Tezpur University.
- Presented poster in International web conference on Resource Management and biodiversity conservation to Achieve Sustainable Development goals organized by Academy of natural resource conservation and management ,Lucknow
- Presented oral paper on 27<sup>th</sup> National Conference of Soil Conservation Society ,New Delhi held at Assam Agricultural University ,Jorhat

## **SEMINAR ATTENDED**

- Participated in the training programme on “Understanding WTO and export Strategies ’ organized by Assam Agricultural university
- Participated in the motivational programme on “ Soft Skill Development ’ organized by Assam Agricultural university
- Participated “ Employability Enhancement program ’ organized by Kaliabor college.
- Participated one day training on “Understanding GIS” and GIS day celebration under world bank financed Assam Agribusiness and rural development project (APART ) organized by QPIU –APART.
- Participated online training programme on “ Geospatial Analysis using QGIS & R ” organized by ICAR-NAARM 14-19 Feb,2022.

## **WINTER SCHOOL:**

- 21 Days winter school in online mode on “Emerging problems & Recent advances in Applied Sciences ” organized by Astha Foundation ,Meerut (UP ) India during 28 February to 18 March ,2023.

## **REFERENCES**

**1.Dr . Dilip Kumar Patgiri**

Professor, HOD

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**2. Dr. R.S Meena**

Senior Scientist

ICAR-NBSS & LUP ,JORHAT

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## **DECLARATION**

I hereby declare that the above information is correct to the best of my knowledge and belief.

Signature 

**Date : 13-04-2023**