

## CURRICULUM VITAE

Name: **Dr. Sathi Saha**

Present Designation: **Assistant Professor**

**Department of Botany, Krishna Chandra College  
Hetampur, Birbhum, West Bengal, India**

Date of Joining: **04/09/2019**

Language Known: **English, Bengali, Hindi**

Date of birth: **09/ 07/ 1986**

Permanent Address:

**Annapurna Pally (Kalikapur), Bolpur, Birbhum, WB-731204**

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Educational Qualifications:

**B.Sc. (Hons.) in Botany (2007); M.Sc. in BOTANY (2009); Ph.D. (VISVA-BHARATI, 2017)**

Teaching experience: **From 04.09.2019 to till date**



Teaching Areas: **Plant anatomy, plant tissue system, Ethnobotany, Traditional knowledge of Medicinal plants, Herbal Technology, Pharmacognosy, Ethnopharmacology, Plant systematics, Ecology, Evolution, Biodiversity**

Specialization: **Plant anatomy & Pharmacognosy**

Research Experience:

- i. **Worked as a 'Project Scientist' (2010-2011)**
- ii. **Ph.D. on the topic entitled "Pharmacognostic and Antioxidant Studies of Selected Ethnomedicinally Important Members of *Asteraceae*" (2011-2016)**
- iii. **More than 10 years of research experience and till date working as an independent researcher**

Awards and Achievements:

- i. **The Rajiv Gandhi National Fellowship (RGNF) 2011-2013**
- ii. **Awarded with the "Best Poster Presentation" in XXI Annual Conference of IAAT on Biodiversity Conservation & Climate Change (BCCC - 2011), IMMT, Bhubaneswar, India**

Academic and administrative Achievements:

- I. **Successfully completed and obtained Grade 'A' in UGC sponsored Online Faculty Induction Programme organized by UGC-HRDC, Aligarh Muslim University, Aligarh from 22<sup>nd</sup> August to 24<sup>th</sup> September, 2022.**
- II. **Successfully completed and obtained Grade 'A+' in UGC sponsored Online Refresher Course on Environmental studies organized by UGC-HRDC, Aligarh Muslim University, Aligarh from 16<sup>th</sup> to 29<sup>th</sup> August, 2023.**
- III. **Essay on 'Lifestyle Changes for Environment and Sustainability' has been included in the eBook entitled "Higher Education Faculty for MISSION LiFE: India's G 20 Presidency" published by Aligarh Muslim University, UGC-HRDC Centre, Aligarh 2023.**
- IV. **Acted as head and coordinator of the Department of Botany from 05.09.2019 to 30.06.2022.**
- V. **Served as a member of Purchase Advisory Committee, Krishna Chandra College, Hetampur**
- VI. **Served as a member of Cultural Advisory Committee, Krishna Chandra College, Hetampur**
- VII. **Served as a member of Anti-ragging Advisory Committee, Krishna Chandra College, Hetampur**
- VIII. **Acted as joint convener of the national webinar on "Exploring the Recent Advances in Plant Science" organized by the Department of Botany, Krishna Chandra College, Hetampur, Birbhum, West Bengal on 25<sup>th</sup> February, 2021.**

### **Seminars/ Symposia/ Conferences attended (National & International):**

1. National Seminar on “Traditional knowledge and Social practices promoting Biodiversity Conservation” organized by the Zoological Survey of India (ZSI) in collaboration with SEBA, West Bengal Biodiversity Board, Ramkrishna Vivekananda Mission Institute of Advanced Studies, held at ZSI, Kolkata on 24th September, 2011.
2. Participated and presented paper in the XXI Annual Conference of Indian Association for Angiosperm Taxonomy & National Seminar on “Biodiversity Conservation and Climate Change” held at CSIR – Institute of Minerals and Materials Technology (IMMT), Bhubaneswar, Odisha, during 2-4th December, 2011.
3. Participated in the Workshop on “People’s Biodiversity Register of Birbhum district, West Bengal” held on 8th January, 2012, organized by the Department of Botany, Visva-Bharati and West Bengal Biodiversity Board, Kolkata.
4. Participated in the “UGC Sponsored Workshop on Medicinal plants- Biodiversity, Sustainable utilization and Cultivation” organized by Department of Botany, Visva Bharati, Santiniketan, during 14- 15th January, 2012.
5. Participated in the UGC sponsored Workshop “Bio- fertilizer and its application” during 11-12th March 2012 organized by Department of Botany, Visva-Bharati, Santiniketan, West Bengal.
6. Participated in the National Conference on “Utilization of Plant & Microbial Resources” held at Department of Botany, Visva-Bharati, Santiniketan during 17-18th March, 2012.
7. Participated and presented paper in the International Symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy on “Innovative Prospects in Angiosperm Taxonomy (ISIPAT-2012)” organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati, Maharashtra during 28th - 30th October, 2012.
8. Participated the National Workshop on “Eco-friendly Printing with Natural Dyes” organized by Silpa-Sadana, Visva-Bharati, Sriniketan, West Bengal during 8th – 9th December, 2012.
9. Participated and presented paper in the National Seminar on “Botanical Products in Human Welfare” organized by the Department of Botany, Ramakrishna Mission Vivekananda Centenary College, Rahara, Kolkata, West Bengal on 11th January, 2013.
10. Participated and presented paper in the XXIII Annual Conference of Indian Association for Angiosperm Taxonomy on “Recent Advances in Plant Taxonomy Research” organized by the Department of Botany, Rastrasant Tukadoji Maharaj Nagpur University, Nagpur, Maharashtra during 27th - 29th December, 2013.
11. Participated and presented paper in the National Symposium on “Plant Diversity: Structure, Function, Utilization and Conservation” organized by the Botanical society of Bengal, in collaboration with the Centre of Advanced study held at Department of Botany, University of Calcutta from 4th – 6th December, 2014.
12. Participated in the International Webinar on “Covid-19 Treatment and Understanding of Human Immune Response – A Complex Circuit for Vaccine Research” organized by the Department of Botany, in collaboration with IQAC, Vivekananda Mahavidyalaya, Hoogly, West Bengal, India on 1st August, 2020.
13. Participated in the National Web Seminar on “Exploration of Insight in Innovative Research of Chemical Sciences in Modern Epoch” organized by the Department of Chemistry, Krishna Chandra College, Hetampur, Birbhum, West Bengal, India from 22<sup>nd</sup> – 24<sup>th</sup> January, 2021.
14. Participated and presented paper in the “1<sup>st</sup> Botanical congress 2023” organized by the Botanical society of Bengal, in collaboration with Department of Botany, University of Calcutta from 23<sup>rd</sup> –25<sup>th</sup> March, 2023.
15. Participated in One-Day Regional Seminar on “Intellectual Property Rights with Focus on Copyright & Patents” organized by the IQAC, Krishna Chandra College, Hetampur on 12<sup>th</sup> May, 2023.

## **Publications:**

1. Rahaman C.H. and **Saha S.**, 2011. Traditional phytoremedies for gynaecological, urinogenital and other related problems practiced among the rural people of Bolpur subdivision under Birbhum district, West Bengal, India. *Columban Journal of Life Sciences*. 12(1&2):73–78.
2. **Saha S.**, Mandal S. K. and Rahaman C. H., 2011. Ethnomedicinal uses of plants by the tribal and nontribal people of Bolpur subdivision of Birbhum district, West Bengal. In: Nandi, N.C. (eds.) Proc. Nat. Sem. Trad. Knowl. & Soc. Prac., ZSI, Kolkata. Pp. 11-20.
3. **Saha S.** and Rahaman C. H., 2013. Pharmacognostic and anatomical studies of *Antigonon leptopus* Hook. and Arn.: A promising medicinal climber. *International Journal of Research in Ayurveda and Pharmacy*. 4(2): 186-191. <https://doi.org/10.7897/2277-4343.04219>.
4. **Saha S.**, Mandal S. K. and Rahaman C. H. 2015. Anato- pharmacognostic studies of *Mikania micrantha* Kunth: a promising medicinal climber of the family Asteraceae. *International Journal of Research in Ayurveda and Pharmacy*. 6(6):773-780. <https://doi.org/10.7897/2277-4343.066144>.
5. **Saha S.**, 2022. “Neglected but prospectus: Career scope and job opportunities in Botany”. In: Goswami, T. (ed.) Paye Paye Eksho Panchis-Birbhumer Krishna Chandra College, Ashadeep, Kolkata. Pp. 216-224.
6. **Saha S.**, Saha S., Mandal S.K. and Rahaman C.H., 2023. Unconventional but valuable phytoresources: exploring the nutritional benefits of 18 wild edible *Asteraceae* from West Bengal, India. *Genetic Resources and Crop Evolution*. 70:2161–2192. <https://doi.org/10.1007/s10722-023-01621-9>
7. **Saha, S.** and Mandal, S.K., 2023. Fading but still existing: some new observations on Santals’ Ethnoveterinary medicinal practices from the Purba and Paschim Bardhaman districts of West Bengal (India). *Ethnobotany Research and Applications*. 26:1-17. <http://dx.doi.org/10.32859/era.26.16.1-16>.
8. Mandal S. K., **Saha S.** and Saha S., 2023. The importance of wild edible plant and macrofungi diversity to attain food security for the tribes of eastern India—a quantitative study. *Frontiers in Sustainable Food Systems*. 7:1198187. <https://doi.org/10.3389/fsufs.2023.1198187>.

**Hobbies & interest:** Drama, painting, art & craft, reading story book, travelling, gardening

I assure that the information given above is true and that in case of any falsification, I shall be responsible.

Dr. Sathi Saha

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