

CURRICULUM VITAE

Name: - **Dr. Kabita Gogoi**
Citizenship: - Indian
Contact No: +91-7002212148, +91-8011874781
Present Address: Banmukh patar gaon, sivasagar-785640
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CAREER OBJECTIVE

To pursue a challenging career in a progressive environment, where my skills and knowledge can be enhanced to their maximum potential to contribute to the overall growth and success of the organisation

ACADEMIC DETAILS

- 2005: **HSLC** from SEBA with **71.00%**
- 2007: **HSSLC** from AHSEC with **56.00%**
- 2010: **B.Sc (Botany)** from Dibrugarh University with **71.00%**
- 2012: **M.Sc (Botany)** from Gauhati University with **CGPA 8.18**
- 2019: **PhD (Biological Sciences)** from Academy of Scientific and Innovative Research (AcSIR)

OTHER QUALIFICATION:

- Six months Diploma in Computer Application

FELLOWSHIPS/AWARDS:

- **State Level Eligibility Test (SLET)** for lectureship in Life Sciences, 2017
- **Anundoram Borooah Award** for securing first division in HSLC, 2005

KNOWLEDGE PURVIEW

Well versed with the knowledge of:

- Cell biology
- Biochemistry
- Cytogenetics
- Plant Breeding
- Molecular Biology
- Plant physiology
- Evolutionary biology
- Environmental biology

Technical Skills:

- **Molecular Biology:** DNA/RNA isolation, genomic PCR, Real-Time PCR, Immunoblotting
- **Biochemistry:** Estimation of protein, SDS-PAGE, Enzyme activity assay
- **Cell Biology:** Handling monocyte cell culture, cell counting, cell viability assay

RESEARCH EXPERIENCES

- Worked as **Project Assistant (Level II)** in a research project entitled "AROMA-MISSION" from 24th October 2017 to 5th December, 2018 in Biological Sciences and Technology division, CSIR-NEIST, Jorhat Assam.
- Worked as **Junior Research Fellow** at Biotech-Hub, Sibsagar Girls' College, Sivasagar from 1st April, 2017 to 30th September, 2017
- Worked as **Project Fellow** in a research project entitled "Therapeutics of Chronic Obstructive Pulmonary Disease" in Biological Sciences and Technology division, CSIR-NEIST, Jorhat Assam from 13th of May, 2013 to 31st March, 2017.

PUBLICATIONS

JOURNAL ARTICLES:

- **Kabita Gogoi:** *Heavy metal exposure and the pathogenesis of COPD.* **Journal of Frontline Research in Arts and Science** **2021**, Vol 9
- **Kabita Gogoi**, P. Manna, T. Dey, J. Kalita, B.G. Unni, D Ozah, P.K. Baruah: *Circulatory heavy metals (cadmium, lead, mercury, and chromium) inversely correlate with plasma GST activity and GSH level in COPD patients and impair NOX4/Nrf2/GCLC/GST signaling pathway in cultured monocytes.* **Toxicology in vitro** **2019**, 54: 269-279.
- B. Dutta and **Kabita Gogoi:** *Study of Secondary Metabolites of Aristolochia roxburghiana Klotzsch in Assam, India.* **Journal of chemical and pharmaceutical research** **2017**, ISSN: 0975-7384, Vol 9, Issue 9, pp: 220-225.
- T Dey, **Kabita Gogoi**, B G Unni, M Bharadwaz, M Kalita, D Ozah, M Kalita, J Kalita, P K Baruah, T Bora,: *Role of environmental pollutants on Liver physiology: special reference to people living in the vicinity of oil drilling sites of Assam.* **PLoS One** **2015**, 10(4): e0123370.
- T. Dey, **Kabita Gogoi**, B.G. Unni, M. Kalita, M. Bharadwaz, M. Bhattacharjee, P. K. Boruah, T. Borah, D. Ozah, M. J. Kalita: *Role of Glutathione S Transferase polymorphism in COPD with special reference to peoples living in the vicinity of the open cast coal mine of Assam.* **PLoS ONE** **2014**, 9(5): e96739.
- M. Bharadwaz, M. Kalita, **Kabita Gogoi**, T. Dey, D. Ozah, R. Das, I. Saikia and B.G.Unni: *preliminary characterization of blood coagulase protein from a staphylococcus strain.* **International Journal of Pharmacy and Pharmaceutical Science** **2014**, ISSN- 0975-1491.
- M Kalita, M Bharadwaz, T Dey, **Kabita Gogoi**, P Dowarah, B G Unni, D Ozah, I Saikia: *Developing Novel Bacterial Based Bioformulation having PGPR Properties for Enhanced Production of Agricultural Crops.* **Indian Journal of Experimental Biology** **2015**, 53(1): 56-60.

CONFERENCE ABSTRACTS:

- **Kabita Gogoi**, B Dutta, J Kalita (2018): “Preliminary phytochemical screening and evaluation of antioxidant activity of *Tinospora cordifolia* Miers. and *Aristolochia roxburghiana* Klotzsch in Assam, India” at National Conference on Drug Discovery from National Products and their traditional uses at University of science & technology, Meghalaya on 23rd and 24th March, 2018.
- **Kabita Gogoi**, B Dutta (2017): “Secondary metabolites and antioxidant activities of three species of Zingiber” at National seminar on advances in agriculture and plant Sciences at Gargaon College, Sivasagar, Assam on 10th June, 2017.
- **Kabita Gogoi**, T Dey, BG Unni, J Kalita (2014): “*Role of Environmental pollution in Developing Chronic Obstructive Pulmonary Disease*” International Conference on Disease Biology and Therapeutics at Institute of Advanced Study in Science and Technology Guwahati, Assam on 3rd-5th December, 2014

BOOK CHAPTERS:

- B.G. Unni, M. Bharadwaz, M. Kalita, T. Dey, **Kabita Gogoi**, J. Kalita, S.J. Islam, P. Dutta (2015): “*Natural Bioresources of North Eastern Region of India - Its Conservation and Proper Utilization*” in Biodiversity Conservation- Challenges for the future, Bentham Publication (Chapter 9) pp 71-88(18)

- P. Dutta, T. Dey, M. Bharadwaz, M. Kalita, **Kabita Gogoi**, S. J. Islam, J. Kalita (2016): “*Pesticidal Plants of Northeast India*” in Bioprospecting of Indigenous Bioresources of North-East India, Springer publication (Chapter 10) pp 101-125

PERSONAL DETAILS

Date of Birth:	16 th February, 1989	Father’s Name:	Late Thaneswar Gogoi
Language Known:	English, Hindi, Assamese, Bengali (R,W,S)	Mother’s Name:	Mrs. Rupali Gogoi
Nationality:	Indian	Permanent Address:	Banmukh Patar gaon PO: Banmukh, Sivasagar-785640, Assam
Marital Status:	Single		

REFERNCES

1. Dr. Balagopalan unni

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Assam Down Town University, Guwahati
Contact No. 91-94350 52133
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2. Dr. Jatin Kalita

Principal Scientist
CSIR-NEIST, Jorhat-785006
Contact No. 91-9435557824
Email: kalitajk74@gmail.com

DECLARATION

I hereby declare that all the details mentioned above are correct to best of my knowledge.

Place:
Date:



(Kabita Gogoi)