

Dr. Swarna Kamal Dey
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EDUCATIONAL QUALIFICATION:

Examination	Institute	Board/University	Year of Passing	Percentage
Ph.D.(as per UGC 2009)	Bodoland University	BU	2019	-
M.Sc. Chemistry	Gauhati University	GU	2005	60.00
B.Sc.(Chemistry Honors)	Cachar College	Assam University	2003	70.88 (1 st position)
10+2	Cachar College	AHSEC	2000	51.40
10 th	M.K. Public HS School	SEBA	1998	56.66
CSIR-NET	-	-	2014	27 th Rank

Teaching Experience

Name of the Institute	Period
Don Bosco HS School, Kokrajhar	07-08-2006 to 31-07-2009
Science College, Kokrajhar	17-08-2010 to 31-05-2025
Assam Professional Academy (Coaching Institute For IIT-JEE/AIEEE/PMT), Guwahati	15-03-2006 to 10-05-2006 (Crash course)

TITLE OF Ph.D.THESIS

“A study of antioxidant and therapeutic potential of *Bambusa tulda* leaf found in Kokrajhar district, BTAD, Assam”

PUBLICATIONS IN SCI, SCIE, ESCI, AND/OR SCOPUS INDEXED JOURNALS

- Goyal AK, Usha T, Kalita M, Hemavathi KN, Hemalatha P, Mushahary S, Brahma P, Middha SK, Dey SK, Basumatary J, Shah A (2024). Tradition meets technology: An overview of fermented bamboo shoots. *Advances in Bamboo Science*. 7:100078.
- Dey SK, SK Middha, U Talambedu, H Ekambaram, F Ahmed Ibrahim, K Arunagiri, SJ Rosa, Y Hasan Soliman, AK Goyal (2021). Scientific validation of toxicological and anti-hyperglycemic effect of *Bambusa tulda* leaf. *Indian Journal of Traditional Knowledge*. 20(4): 920-926. (NISCPR, IF: 0.7).
- Dey SK, SK Middha, T Usha, BK Brahma and AK Goyal(2018).Anti-diabetic activity of giant grass *Bambusa tulda*: an *in vivo* approach. *Bangladesh Journal of Pharmacology*. 13(2): 134-136. (Bangladesh Pharmacological Society, IF: 0.9).
- Goyal, A. K., Wary, R. R., Narzary, I., Baro, M. R., Dey, S. K., Kalita, P., ... & Usha, T. (2026). Environmental absorption by carbon derived from *Bambusa bambos* (L.) Voss: Characterization and performance during methylene blue removal. *Advances in Bamboo Science*, 100233.

PUBLICATIONS IN OTHER PEER REVIEWED JOURNALS

1. **Dey SK**, BK Brahma and AK Goyal (2018). GC-MS profiling of phytocomponents from hydromethanolic fraction of *Bambusa tulda* leaf: a potential candidate for anti-diabetic activity. *International Journal of Life Sciences Research*. 6(3): 382-388.
2. **Dey SK**, SK Middha, T Usha, BK Brahma and AK Goyal (2015). *In vitro* antioxidant profiling of *Bambusa tulda* Roxb. aqueous methanolic leaf extract growing in the forests of Kokrajhar District, BTAD, Assam, India. *International Journal of Fundamental and Applied Sciences*. 4(3): 81-86. (**BioMed Asia**).

PAPERS/POSTERS PRESENTED IN THE CONFERENCES/SEMINARS

- Presented (oral) a paper on “**Toxicity and Blood sugar lowering..... scientific study ”** in the International Conference organized by Department of Biotechnology Bodoland University, Kokrajhar, Assam on 6th and 7th November, 2025.
- Presented (oral) a paper on “**Phytoconstituents and antioxidative potential *Bambusa tulda* Leaf found in the Kokrajhar district, BATD, Assam, India**” in the National Conference on “Applied Science, sustainable, evolving technologies” held at CIT, Kokrajhar on 9-11 March, 2018.
- Presented (oral) a paper on “**GCMS analysis of bioactive compounds..... *Bambusa tulda* leaf**” in the National Seminar on “New Frontiers on Bamboo Research and Development in Northeast India” at Bodoland University, Kokrajhar, Assam on 18th September, 2016.

PERSONAL DETAILS:

Father's Name	:	Sri. Samarjit Dey
Mother's Name	:	Lt. Gita Dey
Date of Birth	:	16 th October, 1981
Gender	:	Male
Nationality	:	Indian
Religion	:	Hinduism
Languages known	:	English, Hindi, Assamese and Bengali