

**Debjit Samanta**  
M.Pharm (Pharmacology)  
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#### Address

Ghosh Bagan By lane, Badra, Barowaritala  
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#### CAREER OBJECTIVE

Enthusiastic and self-motivated Pharmacy Fresher, seeking opportunity in Pharmaceutical Sector that utilizes my skills and capabilities to the fullest extent possible, helping me to develop my potential through continuous learning and utmost dedication.

#### PROFILE SUMMARY

I am a M.Pharm fresher looking for job opportunity in pharmaceutical sector. I am expertise in instrument handling ( UV spectroscopy, IR Spectroscopy, Lyophilizer, Dissolution Apparatus), animal handling, animal dosing in various route and various type of formulation. Having knowledge on various guideline like GLP, OECD, ICH etc. Also known to analyze study data through Graph Pad Prism software.

#### EDUCATIONAL PROFILE

Qualification	Board/University	Institution	Year	Percentage
M.Pharm (Pharmacology)	JIS UNIVERSITY	JIS UNIVERSITY	2022-2024	85.1%
B.Pharm	JIS UNIVERSITY	JIS UNIVERSITY	2018-2022	84.04%
Higher Secondary	West Bengal Council of Higher Secondary Education (WBCHSE)	Dum Dum Kishore Bharati High School(H.S)	2018	66.2%
Madhyamik	West Bengal Board of Secondary Education (WBBSE)	Dum Dum Kishore Bharati High School(H.S)	2016	80.4%

#### PROJECT WORK

- Exploration of the therapeutic potentials of *Mikania micrantha* leaf extract for its anti-diabetic properties. (**M.Pharm Project** ).

Diabetes is a metabolic disorder requiring continuous blood sugar management. Despite advancements in conventional and herbal treatments, a comprehensive strategy is essential for managing the disease and its complications. This study explores total phenolic content, total flavonoid content, anti oxidant content and the anti-diabetic properties of Mikania micrantha leaf extract in diabetic rats induced by a high-fat diet and Streptozotocin. The leaves are especially effective in winter due to their higher anthocyanin content, which aids in diabetes treatment.

- Phytochemical screening & physicochemical evaluation OF *PLEUROTUS OSTREATUS* Extract. (**B.Pharm Project**)

The work involves the phytochemical screening and physicochemical evaluation of Pleurotus ostreatus extract. The study aims to identify and analyze the bioactive compounds present in the extract and to assess its physical and chemical properties. This evaluation helps in understanding the potential health benefits and therapeutic applications of Pleurotus ostreatus.

## INSTRUMENT HANDLING

- FTIR SPECTROSCOPY. (**BRUKER**)
- UV-VISIBLE SPECTROSCOPY. (**SHIMADZU**)
- AUTO CLAVE.
- LYOPHILIZER
- DISSOLUTION APPARATUS
- MICROPLATE READER

## PUBLICATION

- The book chapter titled "*Mikania micrantha*: A Weed to Medicine" on book titled "Modern Trends in Herbal Medicine (Volume - 2)" at Akinik Publication by Debjit Samanta, Disha Saha, Soumen Dhara, Victor Roychowdhury, Rania Indu and Moumita Ray.

## INDUSTRIAL TRAINING

- Industrial Training in the Pharmaceutical Formulation Manufacturing & Quality Control Ground from **NUAK LABORATORIES PVT. LTD.** from 16<sup>th</sup> August 2021 to 31<sup>st</sup> August 2021.
- Industrial Training in the Pharmaceutical Formulation Manufacturing Capsule, Dry Powder Injections & Quality Control Ground from **Pharma Impex Laboratories Pvt. Ltd.** from 16<sup>th</sup> December to 15<sup>th</sup> January 2022.
- Industrial Training in the Pharmaceutical Formulation Manufacturing & Quality Control Ground from OSD (Tablet), Capsule, Oral liquids & Quality Control Ground from **Gluconate Health Limited** (A Govt. of West Bengal Undertaking) from 7<sup>th</sup> February 2022 to 23<sup>th</sup> February 2022.
- **Molecule-2- Medicine: How it works in Pharma Industry**, by Rxcella Pharma & Biopharma skill Development & Learning Academy from 21<sup>st</sup> November to 22<sup>nd</sup> November 2022.
- "Hands on Training on **Basic of Animal Handling (Mice) & Research**" from Indian Institute of Science Education & Research (**IISER**) Kolkata from 1<sup>st</sup> March to 12<sup>th</sup> March 2023

## PERSONAL DETAILS

- **Father's name** : Prabir Samanta
- **Mother's name** : Tapasi Samanta
- **Date of Birth** : 19<sup>th</sup> April 2000
- **Marital Status** : Single
- **Language Known** : English, Hindi & Bengali
- **Hobbies** : Playing cricket, Gardening, Photography

## DECLARATION

I, Debjit Samanta, hereby solemnly declare that the Information provided here is truly stated and correct and I am competent to furnish as well as verify with adequate details whenever requested.

Signature

Place: Kolkata

Date: 01/07/2024

