

CV of Dr. Swarnali Pathak

Name: Dr. Swarnali Pathak

Designation: Assistant Professor

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Sex: Female

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 <sup>th</sup> Std.	1997	SEBA	
2	HSSLC/10+2 Std.	1999	AHSEC	
3	B.Sc. (Chemistry Honours)	2003	Gauhati University	Chemistry Honours
4	M.Sc. in Chemistry	2005	Gauhati University	Organic Chemistry
5	Ph. D. in Chemistry	2014	Gauhati University	Title of the Thesis- Transesterification with a Novel catalyst derived from Banana plant.

Languages known:

(Read, Write & Speak)

Read-Assamese, English, Bengali

Write- Assamese, English

Speak-Assamese, English, Hindi, Bengali.

Academic/ Administrative Experience:

Academic Experience- Teaching Experience -16 years

List of Publications:

1. “A Short Review on Enzyme Catalyzed Transesterification”, *Journal of Emerging Technologies and Innovative Research*, 2022, 9(12), e528-e533, ISSN-2349-5162.
2. “Transesterification of Dicarboxylic Esters with *Kolakhar* made from *Musa balbisiana* as a Catalyst”, *Journal of Emerging Technologies and Innovative Research*, May 2019, Vol 6, Issue 5, 270-274, ISSN-2349-5162.
3. “Transesterification with a green catalyst obtained from post-harvest Banana plant waste”, *J. Chem. Pharm. Res.*, 2016, 8(7), 486-491, ISSN-0975-7384.
4. “Acid catalyzed transesterification”, *J. Chem. Pharm. Res.*, 2015, 7(3), 1780-1786, ISSN-0975-7384.
5. “Comparison between the catalytic activity of water soluble and water insoluble parts of the catalyst derived from trunk of *Musa balbisiana* Colla for Transesterification”, *Int. J. Pharm. Life Sci.*, 2014, 5(1), 3217–3220.
6. “Transesterification of dimethyl malonate with a novel catalyst derived from *Musa balbisiana* Colla”, *Int. J. Sci. Eng. Res.*, 2014, 5(1), 70–72, ISSN-2229-5518.

Research Experience: 7 years

Membership of Professional bodies: Life Member of Indian Science Congress Association.

Dr. Swarnali Pathak

Date: 03/01/2023