Name: **Dr. Amarjyoti Pathak**

Designation: **Assistant Professor**

Address for Communication: (office) **Department of Computer Science and Engineering**

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Date of Birth: 15/01/1982

Educational Qualifications:

Sl. No	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10th Std.	1997	SEBA	
2	HSSLC/10+2 Std.	2000	AHSEC	Physics / Chemistry/ Maths / Biology
3	Bachelor of Engineering (B.E.)	2004	V.T.U, Karnataka	Information Science and Engineering
4	Master of Technology (M. Tech)	2010	Tezpur University, Napaam	Information Technology
5	Doctor of Philosophy (Ph. D.)	2026	Assam Science and Technology University, Jalukbari	Computer Science and Engineering

Languages known:

Assamese, Hindi, English

(Read, Write & Speak)

Academic/ Administrative Experience: (15+ Years)

Professional Experience:

1. **Assistant Professor -** Girijananda Chowdhury University from August 2022 till date.
2. **Assistant Professor -** Girijananda Chowdhury Institute of Management and Technology from January 2011 – July 2022
3. **Dean Administration –** Girijananda Chowdhury Institute of Management and Technology and Girijananda Chowdhury Institute of Pharmaceutical Science Azara from December 2019 – April 2022.
4. **Assisted Controller of Examinations (Temporarily engaged)–** Assam Science and Technology University Guwahati for three consecutive examination sessions (23/11/2015 – 22/01/2015, 20/05/2016 – 19/07/2016, 18/11/2016 – 12/01/2017)

Other Institute level Responsibilities:

1. **Examination Co-ordinator –** for smooth conduction of Gauhati University as well as Assam Science and Technology University Examination in GIMT Examination Centre from January 2013 to December 2015.
2. **Evaluation Centre Incharge in GIMT-** Evaluation Centre of Assam Science and Technology University for three consecutive sessions (May-June 2017), (Nov – Dec 2017) and (May -June 2018)**.**
3. **NAAC Criteria Coordinator –** for the attribute financial resources.

List of Publications:

1. Static analysis framework for permission-based dataset generation and android malware detection using machine learning, Eurasip Journal on Information Security SPRINGER Open (SCOPUS / ESCI) (Published Online - https://doi.org/10.1186/s13635-024-00182-3) (IF 2.5)
2. Machine learning approach to detect android malware using feature – selection based on feature importance score Journal of Engineering Research, Elsevier (SCOPUS / SCIE WOS Journal International2024 (Published online, https://doi.org/10.1016/j.jer.2024.04.008) (IF-1.0)
3. A novel mutual Authentication algorithm using visual cryptography International   Journal   of Engineering and Technology   Peer Reviewed Journal International   2017, Volume – 04, Issue – 06, e-ISSN: 2395-0056

4. Authentication Mechanism using Encrypted One time Password (EOTP)   International Journal of Computer Science and Engineering   Peer Reviewed / UGC Approved till 2019 Journal International 2016, Volume – 4, Special Issue – 7, ISSN – 2347 – 2693

5. Secure Data Sharing in Cloud Storage using Key Aggregation Cryptography International Journal of Computer Science and Engineering   Peer Reviewed / UGC Approved till 2019Journal International 2016, Volume – 4, Special Issue – 7, ISSN – 2347 – 2693

6. SMS Monitoring System for Detecting Premium SMS Malware in Smart Phone International Journal of Advances in Computer Science and Technology Peer reviewed Journal International 2016, Volume- 5, no – 5, ISSN 2320 - 2602

7. A Comparative study on Key-Exchange Authentication Protocols Advanced Computer Science and Applications- Book Chapter National 2014, ISBN – 978-93-83252-08-4

Research Experience:

- Doctoral thesis guided:

- Research & Consultancy Projects:

Membership of Professional bodies:

Indian Society for Technical Education (Life Member),

UNESCO ASSOCIATION (Life Member)

Award, Fellowship & Recognition:

      GATE 2010 Qualified.

Date: 04/02/2026

Name: Amarjyoti Pathak