

## CV of Amarjyoti Pathak

Name: **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/10 <sup>th</sup> Std.	1997	S.E.B.A	
2	HSSLC/10+2 Std.	2000	A.H.S.E.C	
3	Degree (B.E.)	2004	V.T.U, Karnataka	Information Science and Engineering
4	Master's Degree (M. Tech)	2010	Tezpur University, Napaam	Information Technology
5	M. Phil.(Please Specify)	-	-	-
6	Ph. D. (Pursuing)	(Expected May 2024)	Assam Science and Technology University, Jalukbari	Computer Science and Engineering
7	Post-Doctoral (Please			

	Specify)			
8	Others (Please Specify)			

Languages known: Assamese, Hindi, English  
(Read, Write & Speak)

Academic/ Administrative Experience:

**Academic Experience: 13 Years**

**Administrative Experience: 2 Years 4 Months**

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 2019 Journal 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: **ISTE, UNESCO**

Award, Fellowship & Recognition:

**GATE 2010 Qualified.**

Date: 28/12/2024

Name: Amarjyoti Pathak