

RESUME

NAME: Md. Zaved Iqbal Ahmed

DATE OF BIRTH: 20th of July, 1989

ADDRESS: Village: Mangaldai gaon

PO: Mangaldai

District:Darrang

State: Assam

PIN: 784125

EMAIL ID: zaved.iqbal@gmail.com

PHONE: +91-9435547214

CAREER OBJECTIVE

Utilize my knowledge and skills to give my best regards to the duties and responsibilities entrusted and provide myself with a scope to learn and grow.

EXPERIENCE

END DATE	START DATE	ORGANIZATION	DESIGNATION
Till Date	August, 2017	Pandit Deendayal Upadhyaya Adarsha Mahavidyala, Dalgaon	Assistant Professor
May, 2017	August, 2016	NIT Silchar	Assistant Professor (Contractual)
July, 2014	October, 2013	North Eastern Hill University, Shillong	Junior Research Fellow

MAJOR SUBJECTS TAUGHT AT PDUAM DALGAON

BATCH	Subjects
2017-2020	Basic Electronics, Discrete Mathematics, Data Structure, Database Management System, Computer Networks, System Administration using Linux
2018-2021	Data Structure, Database Management System Computer Networks, System Administration using Linux
2019 -2022	Programming in JAVA, Computer Networks, Database Management System, Artificial Intelligence, Network Programming
2020 -2023	Programming Fundamentals using C/C++, Programming in JAVA, Database Management System, Computer Networks, Operating Systems, Theory of Computation, Artificial Intelligence, Network Programming
2021-2024	Programming Fundamentals using C/C++, Programming in JAVA

OTHER ACADEMIC DUTIES

- Coordinator of IQAC, PDUAM, Dalgaon.
- Assistant officer-In-charge/Member of GU Examinations conducted on 2017, 2018, 2019.
- Developed an Online Student Attendance System for PDUAM, Dalgaon in 2021.

FACULTY DEVELOPMENT

- Participated in the “**INDUCTION TRAINING OF FACULTY**” organized by Teaching Learning Centre, Tezpur University, Assam from June 11, 2019 to July 10, 2019.
- Successfully completed an online non-credit specialization course titled “Deep Learning” authorized by deeplearning.ai and offered through Coursera on 30/10/2020.

EDUCATION

PERCENTAGE /GRADE	YEAR	BOARD/UNIVERSITY	DEGREE
	2023	Deptt. of CSE, NIT Silchar	Ph.D
9.64 (out of 10)	2016	Tezpur University, Assam	M. Tech (IT)
7.57 (out of 9)	2013	North Eastern Hill University	B. Tech (IT)
67.8 %	2008	A. H.S.E.C (Assam)	HSSLC (12 th)
72.67 %	2006	S.E.B.A. (Assam)	HSLC (10 th)

ACADEMIC DISTINCTIONS (Papers)

- Presented a Research Paper titled “**Network Throughput Maximization through Joint Routing and Channel Allocation in Multi-hop Cognitive Radio Network**” in the 3rd International conference on „Applications and Innovations in Mobile Computing (AIMoC 2016)“ held on 10th Feb – 12th Feb, 2016 at Jadavpur University, Salt Lake Campus, Kolkata.

RESEARCH PUBLICATIONS

- "A Novel Baseline Removal Paradigm for Subject-Independent Features in Emotion Classification Using EEG" by Md Zaved Iqbal Ahmed, Nidul Sinha, Ebrahim Ghaderpour, Souvik Phadikar, and Rajdeep Ghosh in Bioengineering, Volume-10, Number- 1 (2023): 54.
- "Automated feature extraction on AsMap for emotion classification using EEG" By Md Zaved Iqbal Ahmed, Nidul Sinha, Souvik Phadikar, and Ebrahim Ghaderpour in Sensors, Volume- 22, Number- 6 (2022): 2346.
- "A Survey on Denoising Techniques of Electroencephalogram Signals Using Wavelet Transform" by Maximilian Grobbelaar, Souvik Phadikar, Ebrahim Ghaderpour, Aaron F. Struck, Nidul Sinha, Rajdeep Ghosh, and Md Zaved Iqbal Ahmed in Signals, Volume- 3, Number- 3 (2022): 577-586.
- "QoS provisioning in wireless mesh networks: A survey" by Md Iftekhar Hussain, Nurzaman Ahmed, Md Zaved Iqbal Ahmed, and Nityananda Sarma. in Wireless Personal Communications, Volume- 122, Number- 1 (2022): 157-195.
- “EEG-based emotion classification using LSTM under new paradigm” by Md. Zaved Iqbal Ahmed & Nidul Sinha, in IOP Journal of Biomedical Physics and Engineering Express, Volume-7, Number-6 (2021), DOI: <https://doi.org/10.1088/2057-1976/ac27c4>.
- “QoS Provisioning in Wireless Mesh Networks: A Survey” by Md. Iftekhar Hussain, Nurzaman Ahmed, Md. Zaved Iqbal Ahmed & Nityananda Sarma, in Wireless Personal Communications (2021), DOI: <https://doi.org/10.1007/s11277-021-08893-3>.
- “Network Throughput Maximization through Joint Routing and Channel Allocation in Multi-hop Cognitive Radio Network” by Zaved Iqbal Ahmed and Nityananda Sarma, accepted in the 3rd International conference on „Applications and Innovations in Mobile Computing (AIMoC 2016).

- **“A QoS-aware dynamic bandwidth allocation scheme for multi-hop WiFi-based long distance networks”** by Md Iftekhar Hussain, **Zaved Iqbal Ahmed**, D. K. Saikia and Nityananda Sarma in *EURASIP Journal on Wireless Communications and Networking*, 2015(1), 1-18.
- **"Augmentation of Directional and Sector Antenna support in NS2."** By Nurzaman Ahmed, **Zaved Iqbal Ahmed**, Shakeel Iqbal Saikia, Iftekhar Hussain, in *International Conference on Computational Intelligence and Networks (CINE)*, 2015, pp. 68-73. IEEE, 2015.
- **"An Efficient TDMA MAC Protocol for Multi-hop WiFi-Based Long Distance Networks"** by Md Iftekhar Hussain, **Zaved Iqbal Ahmed**, Nityananda Sarma, and D. K. Saikia, in *Wireless Personal Communications* (2014): 1-24.
- **"A tightly synchronized TDMA MAC protocol for multi-hop WiFi-based long distance networks"** by Md Iftekhar Hussain, **Zaved Iqbal Ahmed**, D. K. Saikia and Nityananda Sarma in the *Sixth International Conference on Ubiquitous and Future Networks (ICUFN)*, 2014, pp. 543-548. IEEE, 2014.

PROJECTS, RESEARCH & FIELD WORK EXPERIENCE

- Ph.D thesis on **“Development of Intelligent Techniques for Emotion Recognition using EEG”** under the guidance of Prof. Nidul Sinha (Feb, 2017 – Jan, 2023) at National Institute of Technology, Silchar, Assam.
- M. Tech Project on **“Joint Routing and Channel Allocation in Multi-hop Cognitive Radio Network”** under the guidance of Prof. Nityananda Sarma (July, 2015 – May, 2016) at Tezpur University, Assam.
- Worked in the Department of IT, North Eastern Hill University, Shillong as a Junior Research Fellow on a research project titled **“QoS provisioning in WiFi based Long Distance Networks for Hilly Terrains”** (Oct, 2013 – July, 2014).
- B. Tech Major Project on **„Design and implementation of a TDMA MAC protocol for Wi-Fi based Long Distance Networks“** under the guidance of Assoc. Prof. Iftekhar Hussain (August, 2012 – December, 2012) at Department of IT, North Eastern Hill University, Shillong.
- B. Tech Minor Project on **„Extension of NS-2 for Long Distance Wi-Fi support “** under the guidance of Assoc. Prof. Iftekhar Hussain (Feb, 2013 – July, 2013) at Department of IT, North Eastern Hill University, Shillong.
- Summer Internship on **„IP addressing“** at Indian Oil Corporation Limited (25th July, 2012 – 1st August, 2012) at Noonmati, Guwahati.

SEMINARS AND WORKSHOPS

- Participated in the **„3rd International Conference on Applications and Innovations in Mobile Computing“** organized by Jadavpur University and held at School of Mobile Computing and Communication, Jadavpur University, Salt Lake campus, Kolkata, India on 10th – 12th February, 2016.
- Participated in the **“16th Workshop on Computational Information Processing (Theme: Nature Inspired Computing)”** organized by Indian Statistical Institute, Kolkata and held at Indian Statistical Institute, Kolkata, India from 26st March - 28th March, 2014.

ACHIEVEMENTS

- Awarded Gold for securing 1st class 1st position in B. Tech(IT) at North Eastern Hill University, Shillong.

- GATE qualified on March 2014 with 569 score and AIR 2389.
- CBSE-UGC NET qualified for Assistant Professor on July 2016 with 63.43% marks.

SOFTWARE SKILLS

Operating System: Linux, Windows XP, 7, 8, 10

Software Tools: NS2, CPLEX, MATLAB, NetBeans IDE, MySQL, Tensorflow

Programming Languages: C, C++, Java, Python

Personal Details

Father's Name: Late Habibullah

Mother's Name: Mumtaz Begum

Languages: Assamese, Hindi and English.

INTERESTS

Playing Table Tennis, Listening Music, Travelling.

Dated: 26-03-2023

Palace: Mangaldai

(Md. Zaved Iqbal Ahmed)