

Curriculum Vitae

Ms.Nilakshi Deka

Assistant Professor

Department of CSE,RSET RSIT

Assam Royal Global University

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Educational Qualifications

Sl No	Qualification	College/School	Year ofPassing
1	10(HSLC,CBSE)	South Point School,Guwahati	2005
2	10+2(HS,CBSE)	Shrimanta ShankarAcademy Dispur, Guwahati	2007
3	B.E. (Electrical Engineering)	Jorhat EngineeringCollege	2012
4	M.E (Electrical Engineering)	Assam EngineeringCollege	2014
5	Ph,D	Gauhati University	Pursuing

Work Experience

1.Working as Assistant Professor in Department of Electrical Engineering & Department of Computer Science & Engineering, Assam Royal Gobal University, since January 2015

Current Positions:

1. Assistant Controller of Examinations, Assam Royal Global University, Guwahati, Assam
2. Assistant Professor, Department of Computer Science & Engineering, Royal School of Engineering & Technology, Assam Royal Global University, Guwahati, Assam
3. Advisor, Yoga Club, Assam Royal Global University, Guwahati, Assam
4. Departmental NAAC Coordinator, Department of Computer Science & Engineering, Royal School of Engineering & Technology, Assam Royal Global University, Guwahati, Assam

Membership of Technical Bodies

1. Member of Association for Computing Machinery

Research Interest:

- Power System Optimisation & Control
- Artificial Intelligence & Machine Learning
- Internet of Things

Research Publications in Journals:

1. Nilakshi Deka, Durlav Hazarika, An approach for improvement of voltage stability condition of a power system using Combination of Power Flow Controllers, ADBU-Journal of Engineering Technology, ISSN: 2348-7305, Volume10, Issue4, December, 2021 0100401314(13PP)
2. Smiti Dey, Nilakshi Deka & Durlav Hazarika, Power System Planning for Reduction in System losses using STATCOM and PSO Technique. J. Inst. Eng. India Ser. *B* **103**, 1269–1281 (2022).
3. Rashel Sarkar, Mohammad Asif Raibag, Samarjit Das, Anupam Das, Israfil Hussain, Nilakshi Deka, A Non-Classical Approach in Analyzing Student's Performance in Academics using Fuzzy Logic, Tuijin Jishu/Journal of Propulsion Technology ISSN: 1001-4055 Vol. 44 No. 3(2023)

Patent Publications:

1. A hybrid Approach for analysing of Early-stage detection and prevention of Lung Cancer Using Advanced Machine Learning and Deep Learning Algorithms
 2. Plant Leaf Disease Detection Using Computer Vision and Machine Learning Algorithms
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