

Alakesh Kalita

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Website: <https://alakesh-kalita.github.io/>

Education

- **Ph.D. in Computer Science and Engineering**,
Indian Institute of Technology Guwahati, India, 2022.
🏆 Innovative Student Projects Award'22 from INAE, India (Indian National Award)
- **M.Tech in Computer Science and Engineering**,
Assam Central University, India, 2016.
🏆 University Rank - 2.
- **B.Tech in Computer Science and Engineering**,
Assam Don Bosco University, India, 2012.

Post Ph.D. Experience

Research: 1.5 Years, Teaching: 5+ Months

- University Lecturer, SUTD, Singapore, Oct 2023 - Present.
- Research Fellow, National University of Singapore, Singapore, April 2022 - October 2023.

Research Interests

• Computer Networks • Internet of Things • Edge and Cloud Computing

Publications

Journals: 12, Conferences: 13. [Web Link](#).

Google Scholar Citations: 136, h-index: 8, i10-index: 7. [Web Link](#).

Selected Journal

1. **A. Kalita** and M. Khatua, "Time-Variant RGB Model for Minimal Cell Allocation and Scheduling in 6TiSCH Networks," in [IEEE Transactions on Mobile Computing](#), IF-7.9, vol. 23, no. 2, pp. 1803-1814, Feb. 2024. [PDF](#)

Simulator

1. **A. Kalita**, "6TiSCH Cell Allocation Simulator" <[GitHub](#)>

Mentorship

M.Sc (ECE) Students: Completed: 1, On-going: 2 (Students are from NUS, Singapore)

Awards and Honors

- Received *Annual Performance Bonus* from NUS, Singapore for postdoctoral research work.
- Qualified UGC-NET for Assistant Professor - 2019, GATE - 2017.
- Bagged second prize in Regional Innovators Conclave conducted by Government of Meghalaya for "Smart Lighting Model", Meghalaya, India 2017.
- Awarded with *Anandaram Boruah Student Award*, 2006 for the performance of 10th standard board examination by State Government of Assam, India.